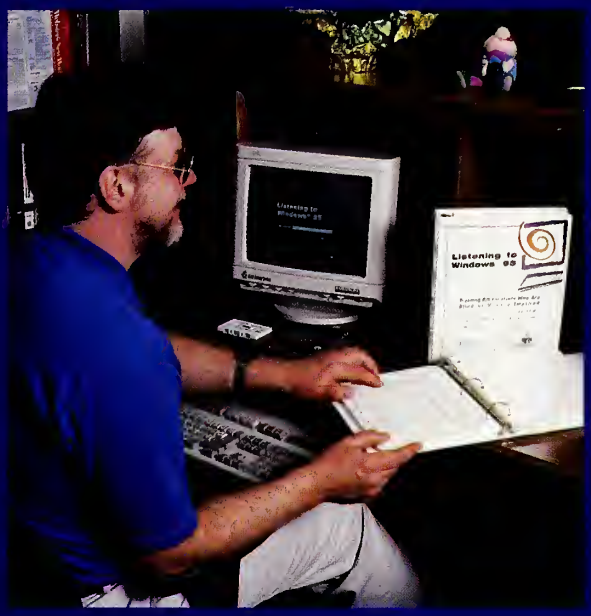
APH Products Catalog

1999-2000



Unique Products for People with Special Needs:

- Infants and Preschoolers
- Students of All Ages
- Adults at Home and Work

APH Offers:

- Knowledgeable Customer Service Staff
- Toll-Free Ordering and Assistance
- Over 140 Years of Experience

APH®

AMERICAN PRINTING HOUSE
FOR THE BLIND, INC.

APH Offers Many Color-Related Products Throughout This Catalog...

This Is How a Dog Sees Them

We admit that a black and white catalog,
like a dog's black and white vision,
is not the best way to see the APH products
that help you do such things as:

- Learn about color
- Teach by means of colorful materials
- See magnified images in color on your TV

But we assure you that where appropriate,
we have made the most of color in our products.
And we think that's something to bark about!

AMERICAN PRINTING HOUSE
FOR THE BLIND, INC.

APH Products Catalog 1999-2000

About Prices in This Catalog

Prices effective June 1, 1999.
Prices subject to change without notice.

Items ordered prior to June 1, 1999 will be sold at 1998 prices.

To APH
"Thanks for your support"
Love, S.

AMERICAN PRINTING HOUSE
FOR THE BLIND, INC.

1839 Frankfort Avenue
Mailing Address: P.O. Box 6085
Louisville, Kentucky 40206-0085
Phone: 502-895-2405
Toll Free: **800-223-1839**
Fax: 502-899-2274
E-mail: info@aph.org
Website: **www.aph.org**

Mission Statement

The American Printing House for the Blind promotes independence of blind and visually impaired persons by providing special media, tools, and materials needed for education and life.

Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) organization. Gifts, therefore, are tax deductible.

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- **Sense of Science: Plants,** our new tactile and visual science program
- **Table Top Tape Recorder/Player,** now with stereo and Digital Speech Compression
- **ISAVE,** the Individualized Systematic Assessment of Visual Efficiency
- ***Listening to Windows® 95,*** a new talking tutorial for the Windows operating system

Service Since 1858

Since 1858 the American Printing House for the Blind (APH) has been creating unique products for people who are visually impaired or blind. Many products are also useful for other populations, such as people with learning disabilities. This catalog lists the materials, tools, and supplies offered for sale by APH. Our product line includes everything from traditional items, such as slates and styluses, to high-tech items, such as talking computer software. APH products are designed for infants, preschoolers, students and adults, both in education and in daily living.

Locating Products

To find a specific product, you can use the index at the back of the catalog. The index is alphabetized by product name; most items are listed under three variations of the product name.

Items in the body of the catalog marked with "NEW" bursts have been added to APH's product line since the last *Product Catalog* was published.

Prices and Types of Funds Accepted

Prices are effective June 1, 1999. Prices are subject to change without notice. *Items ordered prior to June 1, 1999 will be sold at the 1998 prices.*

"TBA" in the price column means the price is "To Be Announced."

All items in this catalog (except for Perkins Braillers) can be purchased with regular funds. Most items listed can be purchased with Federal Quota funds.

Trademarks

All trademarks appearing in this catalog are of their respective companies.

Depictions of Products in Photographs

We have attempted to be as accurate as possible when portraying products in photographs; however, some products you receive may appear slightly different than depicted. These differences will not affect the functioning of the products.

Questions? Credit Card Order? The Call Is On Us!

APH has a convenient toll free phone number for all of your customer needs

- Questions about APH products and services
- Placing credit card orders
- Questions about existing orders or status of products under repair

Call Monday through Friday from 8:00 a.m. to 4:30 p.m. Eastern Time: **1-800-223-1839**

Product Information and More on the Web

Visit the APH website for product information and much more. Our site is fully accessible to users who are visually impaired or blind: **www.aph.org**

NEW

NEW FEATURE!
Handi-Cassette II Stereo Tape Recorder/Player, Upgraded

Listen to Talking Books or other pre-recorded cassettes as well as record 2- and 4-track tapes with this portable unit. ***Now upgraded with Digital Speech Control!***

Features a handsome black case with high contrast lettering and controls, and touch checking of tape movement. Plug it into a wall outlet, or run it on the included rechargeable battery pack or regular AA batteries. Features an audible low battery warning in record mode.

The Handi II, Upgraded includes:

- ✓ Stereo headphones
- ✓ AC power converter
- ✓ Rechargeable battery pack
- ✓ Removable AA battery clip
- ✓ Manual in print and on cassette
- ✓ Print and braille quickstart instructions
- ✓ One year limited warranty.

Recommended for all ages.

- **Dimensions:** 6 3/4 x 4 3/8 x 2 1/4 inches
- **Weight:** 1.5 lbs.

Handi-Cassette II, Upgraded (U.S. Model):
1-07085-00...$170.00

Quantity discount available! See "How to Order" in center.

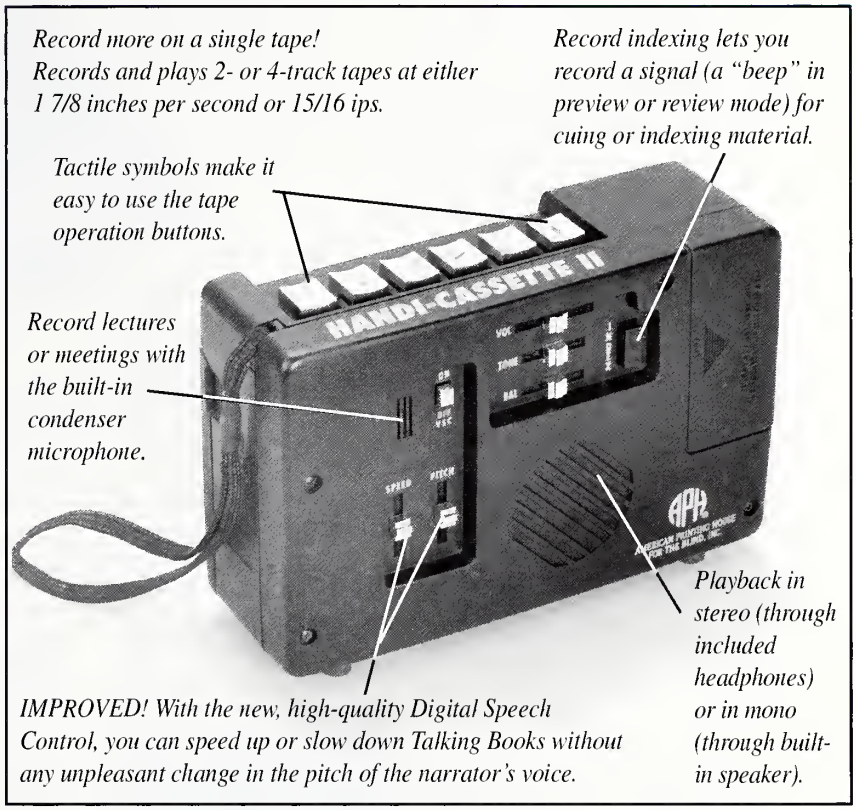
Handi-Cassette II, Upgraded (International Model):
1-07085-01..$160.00

Note: The Handi II International does not come with an AC power converter. Customers must supply their own power converter that is compatible with their country's electrical system. This power converter must have an output of 6 volts DC at 200 milliamps and have a plug with a 5.5 mm outside diameter and a 2.1 mm inside diameter, inside negative.

Two-Year Extended Warranty for Handi II:
1-07087-00.....$50.00

Extended warranty covers the machine only, NOT accessories that come with it.

Cassette Recorders for Education and Entertainment



Record more on a single tape! Records and plays 2- or 4-track tapes at either 1 7/8 inches per second or 15/16 ips.

Record indexing lets you record a signal (a "beep" in preview or review mode) for cuing or indexing material.

Tactile symbols make it easy to use the tape operation buttons.

Record lectures or meetings with the built-in condenser microphone.

Playback in stereo (through included headphones) or in mono (through built-in speaker).

IMPROVED! With the new, high-quality Digital Speech Control, you can speed up or slow down Talking Books without any unpleasant change in the pitch of the narrator's voice.

Accessories for the Handi-Cassette II, Upgraded:

Optional Carrying Case:
1-07084-00.....$17.95

Replacement Ni-Cad Battery:
1-07081-00...$12.00

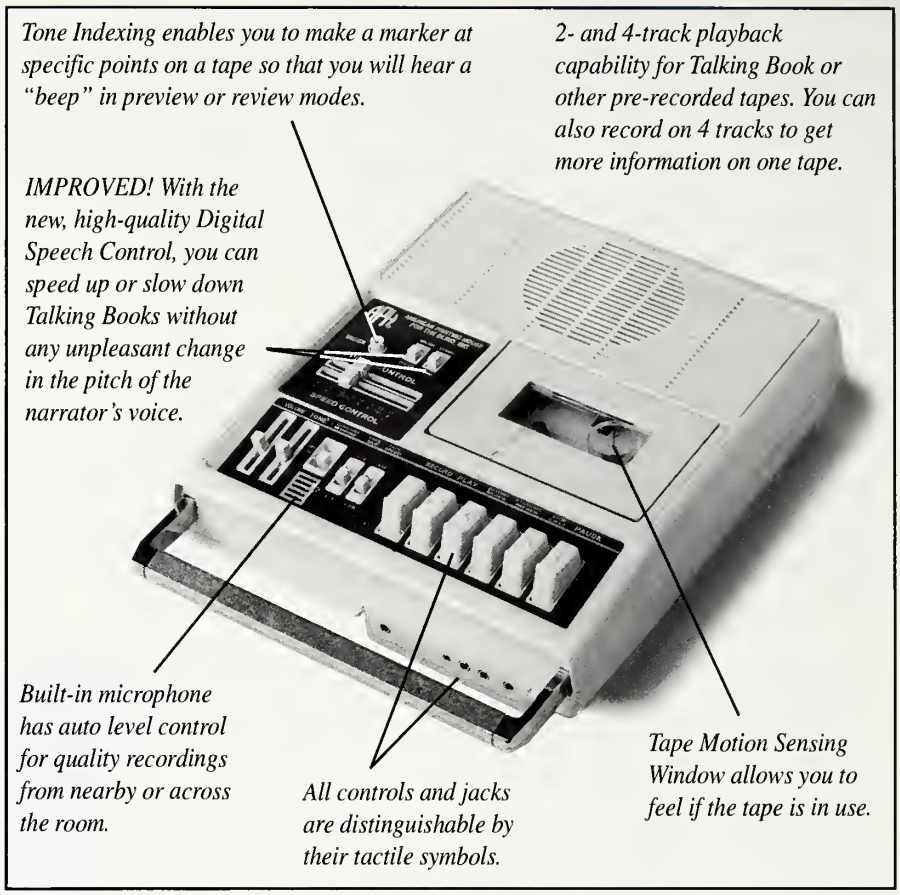
Replacement Battery Clip:
1-07086-00.....$8.00

Coming Soon

IMPROVED! Table Top Cassette Tape Recorder/Player (Model 3-5198A)

The Table Top Recorder/Player (formerly called the AC/DC Rechargeable 4-Track Cassette Tape Recorder/Player) has all of the features of the previous model plus new features, including:

- NEW! Digital Pitch Control (DPC), which allows you to increase the rate of listening up to double speed, and adjust the pitch of the voice to avoid unpleasant high or low pitch. Digital Pitch Control has much higher sound quality as compared to earlier speech compression systems.
- NEW! Stereo playback through optional headphones.
- NEW! More powerful amplifier produces clearer sound and allows volume to be louder without distortion.
- NEW! Low battery alarm in record mode.



Instructions are provided in regular type and on cassette (cassette is also sold separately for replacement purposes). Braille start-up sheet is also included. Recommended for all ages.

- **Dimensions:** 9 3/8 x 11 1/8 x 3 inches
- **Weight:** about 4 1/4 lbs.

Table Top Cassette Tape Recorder/Player ~ U.S. Version
(Model 3-5198A): **1-07150-00.....$TBA**
Quantity discount available! See "How to Order" in center.

International Models (no adapter needed):

Table Top Recorder/Player ~ United Kingdom Version
(Model 3-5198AE): **1-07150-01.....$TBA**

Table Top Recorder/Player ~ Germany/Spain Version
(Model 3-5198AS): **1-07150-02.....$TBA**

Two-Year Extended Warranty for Table Top Recorder/Player: 1-07151-00.....$TBA

Accessories for the Table Top Recorder/Player

Optional Carrying Case with Shoulder Strap:
1-07010-00.....$11.95

Replacement Ni-Cad Battery:
1-07070-00.....$24.00

Replacement Instructional Cassette:
1-07152-00.....$2.50

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Speech Expressor™

Add speech compression to your APH or NLS Talking Book tape player with the Speech Expressor™, *featuring new digital compression that vastly improves voice quality!*

Why Use Speech Compression?

It is well known that Talking Book readers can comprehend audio material that is played back at a faster rate than normal human speech. This allows for more rapid reading of Talking Books and other audio material.

Unfortunately, an audio recording played slower or faster than its true speed will change in pitch and this pitch change can be extremely irritating. APH's Speech Expressor enables the user to *digitally adjust the pitch of the voice to compensate for a change in speed, with improved quality over older compression systems!*

Benefits of the Speech Expressor

- Speed up your tapes to read more in a given time without the unpleasant increase in pitch.
- Slow recordings down for concentrated listening without the unpleasant decrease in pitch.
- Compensate for hearing loss in certain pitch ranges, such as higher pitches.

Features of the Speech Expressor

- Compact size, housed in a rugged, portable plastic case with built-in speaker. Case measures 3 3/4 x 6 1/2 x 1 1/4 inches.
- Easy to use: simply plugs in to the earphone jack of the audio source; only four controls: volume, tone, compression rate, and sharpness.
- One year limited warranty.

The Speech Expressor Comes With:

✓ User-replaceable rechargeable batteries (four standard AA Ni-Cad that can be purchased anywhere rechargeable batteries are sold)

✓ Power supply / recharger

✓ Headphone jack

✓ A cable with a 3.5 mm mono plug

✓ Adapters for 3.5 mm stereo and 1/4 inch mono jacks

✓ A manual in print and on cassette plus a braille quickstart sheet

Compatibility

The Speech Expressor is compatible with any sound source having variable speed control. This includes:

- APH's AC/DC Recorder/Player (discontinued)
- APH's Handi-Cassette (discontinued)
- APH's Handi-Cassette II, *older version* (the new Handi-Cassette II, Upgraded has Digital Speech Control built-in)
- APH Panasonic® Recorder/Player (discontinued)
- National Library Service (NLS) Talking Book players

Speech Expressor: 1-07050-00.....$125.00

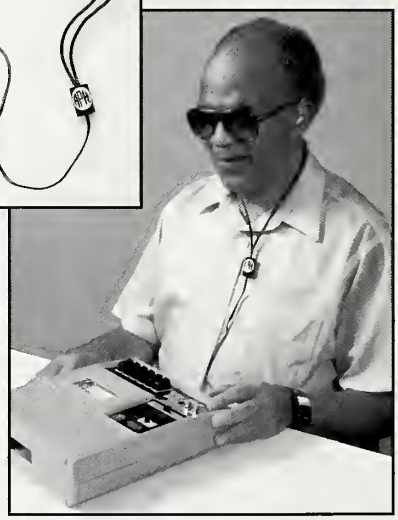
Quantity discount available! See "How to Order" in center.

Replacement Items for APH Tape Recorders

	Handi-Cassette II (original or Upgraded)	AC/DC (discontinued)	Table Top
Rechargeable Batteries	Ni-Cad Battery 1-07081-00...$12.00	Ni-Cad Battery 1-07070-00...$24.00	Ni-Cad Battery 1-07070-00...$24.00
AC Adapters/ Rechargers	1-07091-00...$9.00 Lower Price!	(Not Applicable)	(Not Applicable)
Battery Clip	1-07086-00...$8.00 Lower Price!	(Not Applicable)	(Not Applicable)
Instructional Cassette	Please call Customer Service	1-07131-00.....$2.50	1-07152-00.....$2.50

NEW

Induction Neck Loop



Some hearing aids have a built-in device called a "telecoil" (sometimes referred to as a "t-switch" or "phone switch"). The telecoil can receive a signal from the Induction Neck Loop when the loop is plugged into the headphone jack of an APH cassette recorder/player. Many hearing aid users find this direct signal improves their understanding of voices coming from the tape player.

The Neck Loop consists of a wire loop that the user places around his or her neck. A wire extends from the bottom of the loop and this wire plugs into the 3.5 mm headphone jack of an APH cassette recorder/player. You then switch your hearing aid to the "telecoil" setting and adjust the volume of the hearing aid and the tape player.

Included with the Induction Neck Loop

The Neck Loop is shipped from APH with a stereo adapter plug attached to the end of the wire. This makes the loop ready to plug into the newer APH stereo recorder/players. The stereo plug can be removed from the end of the wire, which will reveal a mono plug designed for use with older APH recorder/players.

Do I Have a Telecoil in My Hearing Aid?

If you do not know whether your hearing aid contains a telecoil, check with your audiologist or hearing aid dispenser. It is possible to add a telecoil to some hearing aids after they have been purchased.

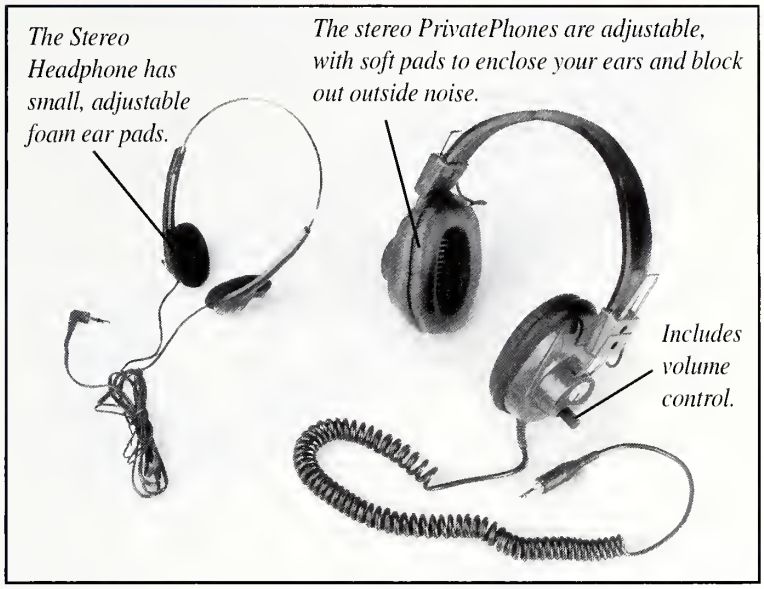
Induction Neck Loop: 1-07095-00.....$38.00

Stereo Headphones

Hear your recordings clearly and without disturbing others. Choose from two models, both having a 3.5 mm plug.

These headphones work directly with the Handi-Cassette II, the Table Top Recorder/Player, and the discontinued APH Panasonic® Recorder/Player. A stereo to mono adapter plug (see below) is required to use these headphones with older monaural players such as the discontinued AC/DC Recorder/Player or original Handi-Cassette.

Note: The PrivatePhones are packaged with a 1/4 inch screw-off plug attached. Simply remove this plug to reveal a 3.5 mm plug.



PrivatePhones (stereo with fully enclosed earpads, 3.5 mm plug, and screw-off 1/4 inch plug): **1-07088-00.....$21.00**

Stereo Headphone (small foam earpads and 3.5 mm plug): **1-18986-00.....$7.95**

Stereo to Mono Adapter Plugs (not pictured)

Use these adapter plugs with any stereo headphones that have a 3.5 mm plug (such as the two models listed above). These adapters will help you use stereo headphones with the mono AC/DC Recorder/Player (discontinued), original Handi-Cassette (discontinued), or any other device with a mono headphone jack.

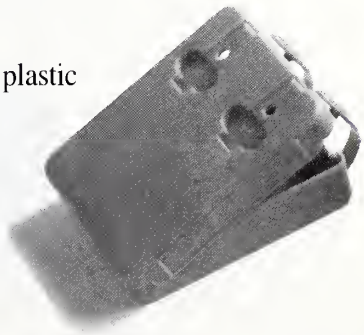
Stereo to Mono (3.5 mm to 1/4 inch): **1-07061-00....$2.50** • **Stereo to Mono** (3.5 mm to 3.5 mm): **1-07062-00...$2.50**

Patchcord Kit

Lets you record directly from one audio source (radio, phonograph, recorder) to another. (Each audio source must have an earphone jack.)
1-07170-00.....$19.75

Cassette Circulation/Storage Containers

If you want to mail cassettes or just get your recordings organized, here is your ticket! These plastic containers are equipped with snap closed straps and slots for mailing labels. They are embossed: "Free Matter for the Blind or Handicapped."



Four-cassette capacity Container: 1-02620-00.....$1.50 each

Six-cassette capacity Container: 1-02630-00.....$1.75 each

IMPROVED! Blank C-90 Cassette Tapes

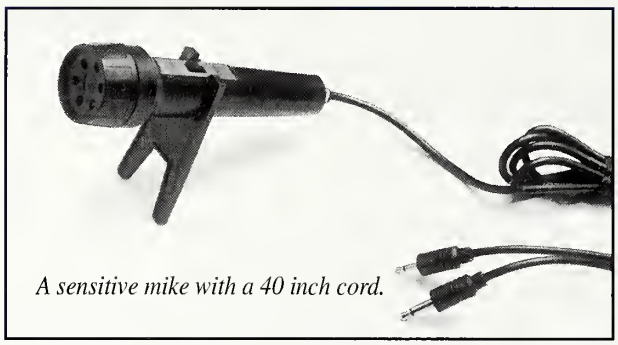
Record your meetings, lectures, notes, letters—any voice recording—with these high quality 90-minute cassette tapes (standard size). Improved! Unlike previous versions of these cassettes, the record tabs are now in place—no need to tape over the tab holes! *Sold in a box of 25 only.*

1-08560-01.....$22.00 (25 tapes)

NOT AVAILABLE ON QUOTA

Tapes sold in a box of 25.

Remote On/Off Control Microphone



A sensitive mike with a 40 inch cord.

Make your own voice recordings! Great for audio letters, notes, etc. Sensitive microphone with 40-inch cord, built-in on/off switch, and desk stand. For use with the Table Top Recorder/Player, Handi-Cassette II, and discontinued AC/DC Recorder/Player and Handi-Cassette. **1-07160-00.....$10.25**

The Listening Post Audio Splitter

Connect up to four pairs of mono headsets simultaneously to one sound source. Also works in mixing up to four input sources to one output. Individual volume controls are provided for each 3.5 mm jack. Mounted in a rugged case measuring 5 1/2 x 3 1/4 x 1 1/2 inches. Includes two 3-foot cords with 3.5 mm plugs. Works with all APH cassette recorders.

1-00941-00.....$53.00

Note: Stereo to Mono Adapter Plugs are required to use this unit with stereo headphones.

Connect up to four mono headphones at once.

Footpedal Switch

Control your audio device with your foot!

Turn your tape recorder on and off with your foot, leaving your hands free for key entry, braille transcribing, etc. Works with the Table Top Recorder/Player, Handi-Cassette II, and discontinued AC/DC Recorder/Player and Handi-Cassette.

1-07020-00.....$9.95

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

ColorTest: Talking Color Analyzer for People Who Are Blind or Color-blind.

ColorTest is an innovative hand-held device which helps you distinguish colors independently! It uses a clear, human voice to announce the color of any object placed in contact with its sensitive detector.

ColorTest is able to sense a wide spectrum of colors and report the results through its built-in speaker. It senses up to 150 different nuances of color. It also detects patterns, brightness, and contrast.

A Great Variety of Uses

- Select your own wardrobe: ColorTest can be used to determine the color of a shirt or find out if it is bright, dark, plain, or patterned.
- Shopping: Shop for a product according to the color of its packaging, or differentiate a ripe fruit or vegetable from an unripe one.
- At the office: ColorTest can be used to differentiate such items as colored folders, forms, or floppy disks.

ColorTest can also identify:

- Intensity of brightness
- Sources of light
- Natural verses artificial light

How Does ColorTest Work?

ColorTest has an "artificial eye" that senses color. The "eye" consists of a small lamp and several sensors.

The lamp emits a light-beam when the measuring button is pressed. If the opening of the "eye" is covered by an object, some of the light from the lamp will be reflected back to the sensors where they detect the predominant color of the object.

Additional Features

- ColorTest will report the general tendency of a color such as "dark-blue, with tones of gray."
- ColorTest can provide a detailed color analysis which includes values for brightness, hue, and saturation.
- ColorTest recognizes that a pattern is present by detecting variations in brightness and contrast. As ColorTest is moved over a patterned surface, a series of tones that rise and fall in pitch will indicate brighter and darker areas of the pattern.
- After about five seconds the device shuts itself off automatically with a tone-signal.
- Other features include the users ability to check the status of the rechargeable battery and adjust the speaker volume.

Included with ColorTest

✓ Leather carrying case

✓ Cassette instruction manual

✓ Quick reference of button layout and function

✓ Battery charger

✓ Color chart

✓ One year limited warranty

ColorTest: 1-03950-00.....$595.00

Print Instructions only (optional):
8-03950-00.....$6.00

Braille Instructions only (optional):
6-03950-00.....$2.50

Choose from handbooks, manipulatives, and other teaching/learning materials.

For parents and teachers of students infant through primary level or with multiple disabilities.

Developmental Guidelines for Infants with Visual Impairment: A Manual for Early Intervention

This thoroughly researched manual describes what is known about the development of infants with a wide range of visual impairments. *Developmental Guidelines* includes sections on these vital topics:

• Visual Impairment in Infants (overview) • Social-Emotional Development • Communication Development • Cognitive Development • Fine Motor Development • Gross Motor Development • Functional Vision Development • Use of the Guidelines to Develop Intervention Goals and Strategies

The Narrative Chapters for each developmental area address critical issues and provide an overall perspective of intervention concerns. Developmental Charts for each developmental domain are organized into major underlying processes with specific indicators of those processes.

This attractive regular print book with over 170 pages of information includes compelling photographs of visually impaired infants.

Recommended ages: For professionals working with visually impaired infants from birth to 2 years of age.

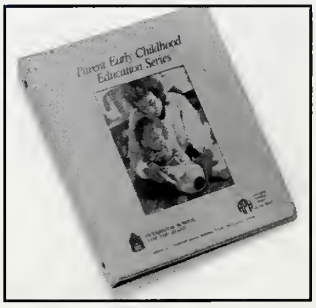
Developmental Guidelines:
8-50700-00.....Lower Price! $24.00

Parent Early Childhood Education Series

This series of training materials, designed for parents and teachers of young blind and visually impaired children, offers "user friendly" instruction for developing critical skills.

Parent Early Childhood Education Series is a set of nine packages of activity sheets. Each sheet describes specific techniques parents can use to help their visually impaired child achieve maximum growth in the key developmental areas. Activity areas include cognitive, communication, eating, motor, and play skills; emotional and sensory development; and orientation and mobility.

Recommended ages: birth through 5 years.



Teacher, English Edition, Print in binder:
7-96201-00....$14.00

Parent/Caregiver, English Edition, Loose Leaf Print:
7-96200-00.....$7.00

English Edition, Braille:
5-96201-00.....New Lower Price! $49.00

Spanish Edition, Loose Leaf Print:
7-96202-00.....$15.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Parents and Visually Impaired Infants (PAVII)

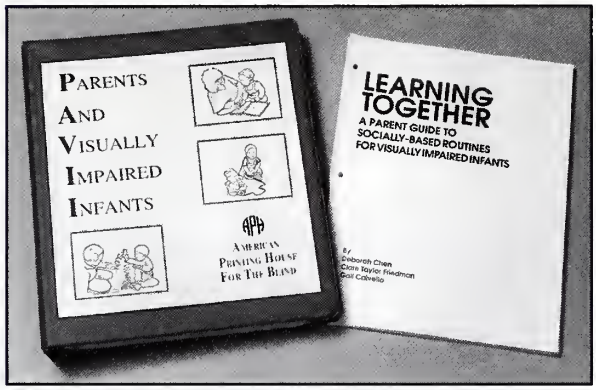
Print materials designed to help parents of visually impaired babies become involved as primary members of the intervention team. The six major components are:

- **"Parent Assessment of Needs" (PAN):** An interview/report form to help identify and prioritize home-based goals for infants.
- **"Parent Observation Protocol" (POP):** Provides directions for a "microteaching" format using video. Encourages parent observation of self and child and identifies teaching strategies for facilitating early learning experiences.
- **"PAVII 'How-To' Papers on Assessment":** Home-based assessment information including "Identifying Visual Impairments," "Functional Hearing Screening," and "Assessing Infant Communication."
- **"The Art of Home Visiting":** Discusses roles, responsibilities, and prerequisite competencies for a home visitor, offers practical suggestions for a home visit, and covers issues encountered in the home visit process.
- **"Getting Ready for School":** Outlines the learning environment, family factors, child factors, school district factors, expert input, and educational rights.
- **"Learning Together: A Parent Guide to Socially Based Routines for Visually Impaired Infants":** Offers home-based strategies for deciding what is needed to help a baby learn during everyday activities (also available separately).

Materials come bound in a sturdy three-ring notebook. Recommended ages: birth to 3 years.

***PAVII:* 7-96150-00.....$36.50**

***Learning Together* only: 7-68660-00.....$9.00**



PAVII helps parents become deeply involved in their child's education.

Move, Touch, Do!

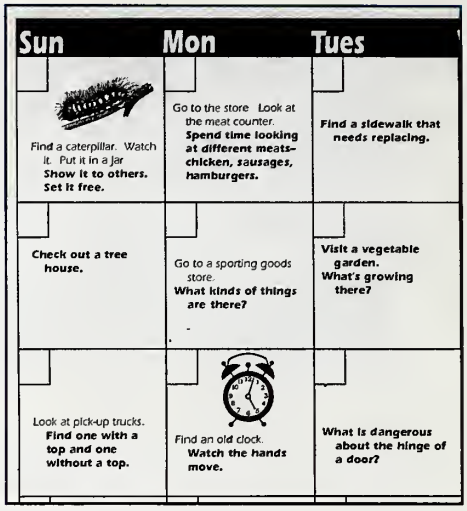
A content-rich, adaptable curriculum for teachers and therapists of children from infancy to kindergarten. Provides children various opportunities to develop the awareness and skills to prepare them to enter formal education. The emphasis is on content and routines, rather than skills apart from content, and is based on the belief that "each child is capable of competence and achievement if this is our expectation."

Materials provide a basic outline of daily activities, a structure of materials and skills for the school year, instructions for craft projects, and sample communication boards. An accompanying computer disk offers easy-to-use letters to parents, as well as helpful forms and checklists. Curriculum can be adapted to fit your setting and program, and is suitable for mainstream settings. Print text and 3 1/2 inch PC disk are stored in a binder. For developmental ages birth to 5 years.

***Move, Touch, Do!* 7-83000-00.....$37.00**

NEW

Preschool Activities Calendar



Created by the Wisconsin Educational Services Center for the Visually Impaired and APH, this calendar was designed for use by parents and other caregivers of young visually impaired children.

Each day of the year a fun new activity is suggested to aid in providing a stimulating learning environment. The activities are drawn on everyday occurrences in a child's life and make use of common, low cost materials. Includes 12 months of activities and has five pages of informational material. This calendar does not track any specific year, but can be used year after year.

Recommended ages: For use with children who have a functional age of 3 to 5 years.

Preschool Activities Calendar (regular print edition): **1-08120-00.....$7.95**

NEW

Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments

This program is an informal assessment and teaching tool for use with children with little or no vision at the preschool, kindergarten, or elementary level. Tactile Treasures helps develop an early understanding of basic concepts and vocabulary that are prerequisites for reading and math.

By pairing the tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts related to shape, size, comparison of two or more objects, amount, position, and page orientation can be introduced and reinforced.

Tactile Treasures consists of 79 thermoformed sheets featuring tactile pictures created from real objects that illustrate math and language concepts. The types of thermoformed objects are numerous: pretzels, buttons, rings, zippers, scissors, shells, etc. The variety of objects depicted adds interest, encourages exploration, and helps broaden vocabulary.

An included teacher's guidebook in print and braille provides two suggested scripts or stories for each concept. Recommended ages: 4 to 9 years.

Tactile Treasures (entire kit):
1-08842-00...New Lower Price! $99.00

Replacement Items

Note: **It is not recommended that the guidebook be used without the thermoformed pages.**

Print Guidebook:
7-08842-00.....Lower Price! $12.00

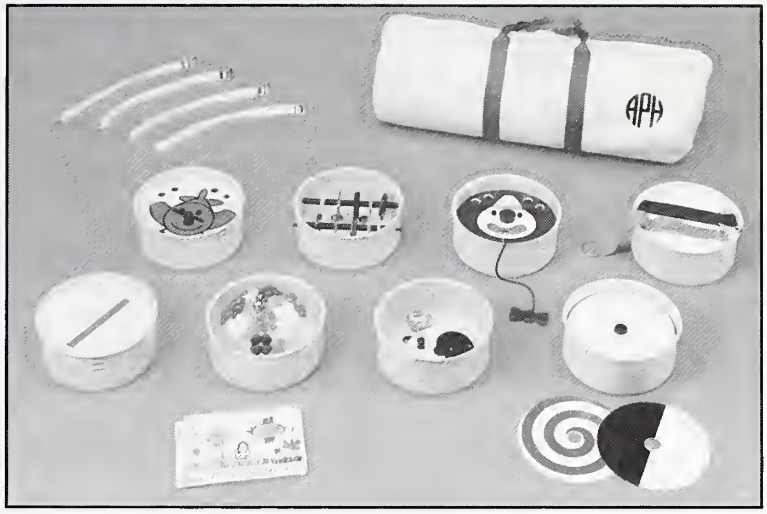
Braille Guidebook: 5-08842-00.....$6.50

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Fine Motor Development Materials: Twist, Turn, and Learn

Helps young children who are visually impaired and multihandicapped to develop and refine fine motor functions. Modules in the kit assist students in developing such skills as reaching, grasping, raking, pincer grasp, wrist rotation, searching technique, palmar grasp, and visual-motor/visual-perceptual coordination.

Fine Motor Development Materials includes eight specially designed modules that attract the child's attention with bright colors and ringing bells; a set of straps that allow the modules to be hung on playpens or cribs; a carrying bag; and a teacher's guidebook with ideas and suggestions for utilizing the modules. Recommended ages: birth to 36 months.



Fine Motor Complete Set: 1-08420-00.....$325.00

Quantity discount available! See "How to Order" in center.

Teacher's Guidebook only:

7-40400-00.....$18.00

REVISED! Analog Clock Model

This is a revised version of the Clock Face. The Analog Clock Model displays time in braille and raised large print. Made of durable black plastic with high contrast white markings, the Clock Model has hands that are easily rotated. The hands are synchronized like those of an actual clock (the Model has no motor). Recommended ages: 6 to 10 years.

1-03125-00.....New Lower Price! $16.00

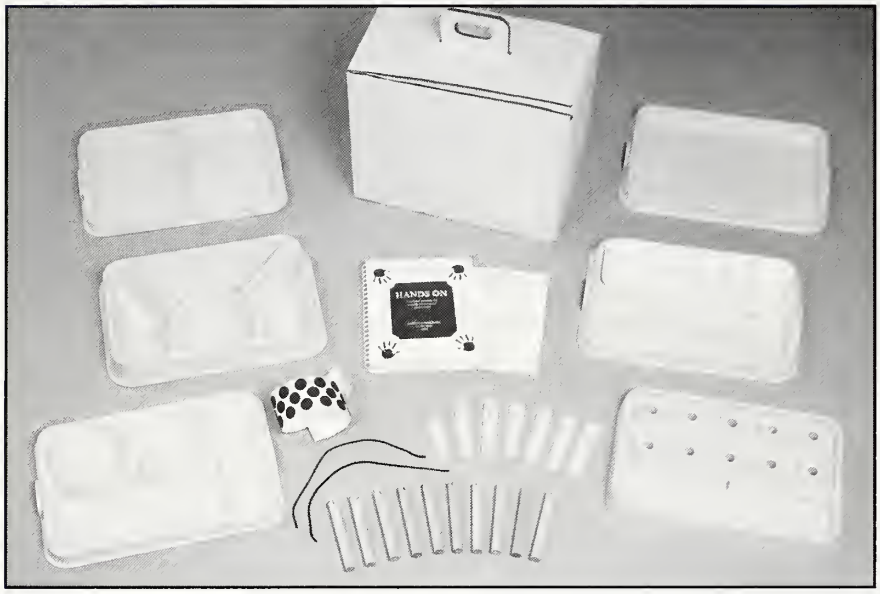
Clock Face Sheets in Braille

Each sheet contains four embossed braille clock faces. Hands can be added to these blank clock faces. Embossed on manila transcribing paper measuring 11 1/2 x 11 inches. 3-hole punched. Recommended ages: 6 to 10 years. 25 per package.

1-03111-00.....$6.50

HANDS ON: Functional Activities for Visually Impaired Preschoolers

Helps young visually impaired children become more independent by involving them in a series of activities to develop skills such as concentration, hand and visual motor coordination, ability to complete a cycle of activity, and socialization skills. It also helps develop a sense of order and a positive self-image.



Includes a guidebook and six specially designed plastic work trays. The guidebook details numerous activities that will assist young children in learning important skills. The work trays are useful in facilitating these activities.

The work is presented sequentially, beginning with jobs such as pouring beans and progressing to more complicated tasks such as preparing snacks and washing dishes. Recommended ages: 3 to 6 years.

HANDS ON Kit: 1-03260-00.....$173.00

HANDS ON Guidebook only: 7-52210-00.....$25.00

Sensory Stimulation Kit (SSK)

Designed to facilitate the development of basic sensory processes in young blind or multihandicapped children. Provides a wide range of basic sensory stimulation, using such items as bells, lights, textured mittens, a vibrator, a brush, and a blow dryer. SSK includes 25 groups of items within the five sensory modalities (auditory, tactual-kinesthetic, visual, and olfactory/gustatory), a teacher's guidebook, and activity cards for each item. Recommended ages: birth to 6 years.

SSK Complete Kit: 1-08610-00.....$515.00

Quantity discount available! See "How to Order" in center.

SSK materials available separately:

Auditory Kit: 1-08640-00...$124.00

Tactual-Kinesthetic Kit: 1-08630-00....$178.00*

Quantity discount available! See "How to Order" in center.

Visual Kit: 1-08620-00.....$150.00

Olfactory/Gustatory Kit: 1-08650-00...$39.00*

***Teacher's Guidebook:* 8-11850-00.....$7.50**

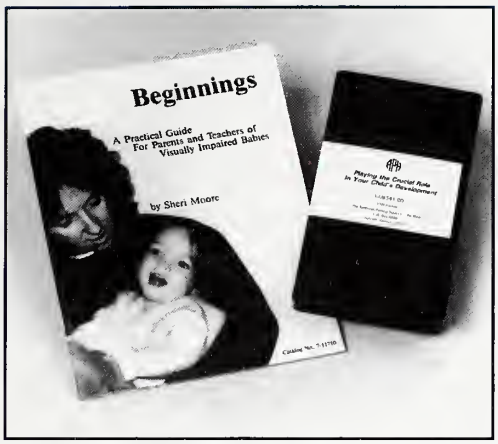
**New Lower Price!*

Activity Cards: 8-11860-00.....$35.00

Penlight w/Color Caps & Flashlight w/Color Discs (see description in Low Vision): **1-08390-00...$35.50**

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Playing the Crucial Role in Your Child's Development and *Beginnings*



These two items give parents or teachers of visually impaired babies many easy-to-follow suggestions. The video and the book present ways of building critical skills such as reaching, grasping, midline coordination, walking, etc., in children birth to 2 years. *Playing the Crucial Role* is a 9 1/2 minute video; *Beginnings* is a print handbook with more detailed information.

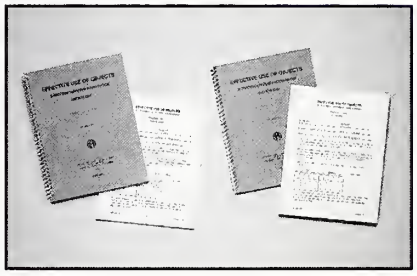
Playing the Crucial Role in Your Child's Development (VHS video): **1-08341-00.....$20.75**

Beginnings: A Practical Guide for Parents and Teachers of Visually Impaired Babies (print handbook): **7-11710-00.....$9.00**

Effective Use of Objects: A Process Centered Intervention

Written by Gretchen Stone, this program helps low-functioning learners develop task-oriented behavior that is self-regulating. *Effective Use of Objects* focuses on the kinds of problem-solving skills that encourage the functional use of objects. The first section stresses task orientation and exploration of the physical properties of objects. Section two addresses skills related to using objects in work sequences at a more advanced level. Both sections address three areas:

- Skills that are appropriate for a task environment
- Skills that lead to the functional use of objects in productive activity
- Skills that can be used during recreational and social activities with others



Each volume contains an Inventory describing general functional skills, situational skills, and specific problem-solving strategies; and a Strategies Profile. Recommended ages: functional ages 2–7 years.

Effective Use of Objects: **7-35500-00.....$28.00**

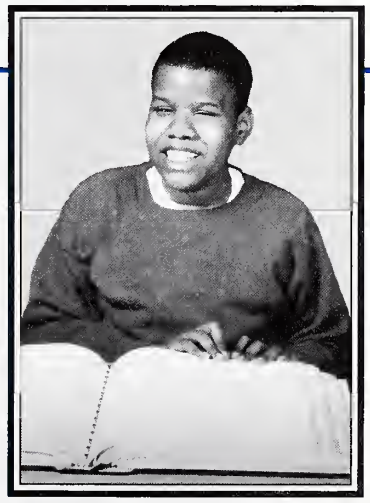
APH Has Another Catalog!

Do you need textbooks and other materials in special media?

Ask for the APH Accessible Books Catalog!

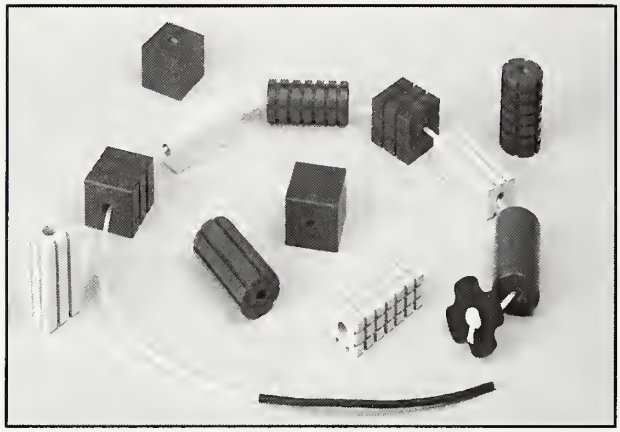
Call 1-800-223-1839 for your free print or floppy disk copy.

Find a complete listing of APH accessible books in the Louis Database on the web: www.aph.org



Giant Textured Beads

Introduces young children to a variety of concepts, including shape, color, and texture. It also assists in the development of muscular and eye-hand coordination. Set includes 12 painted wooden beads:



- ✓ Four red cubes
- ✓ Four yellow rectangular solids
- ✓ Four blue cylinders

Shapes display three textures (smooth, striped, and a grid pattern), each shape having a different combination of textures. A white nylon stringer, 34 inches long, with a 6-inch, pliable nylon tip for threading the beads and instructions in print are included. Recommended ages: 3 to 6 years.

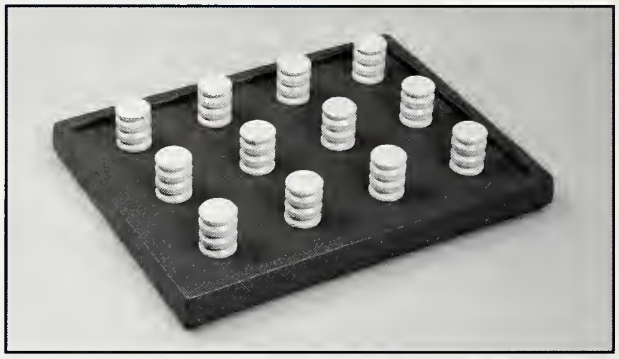
Giant Textured Beads: 1-03780-00.....$71.00

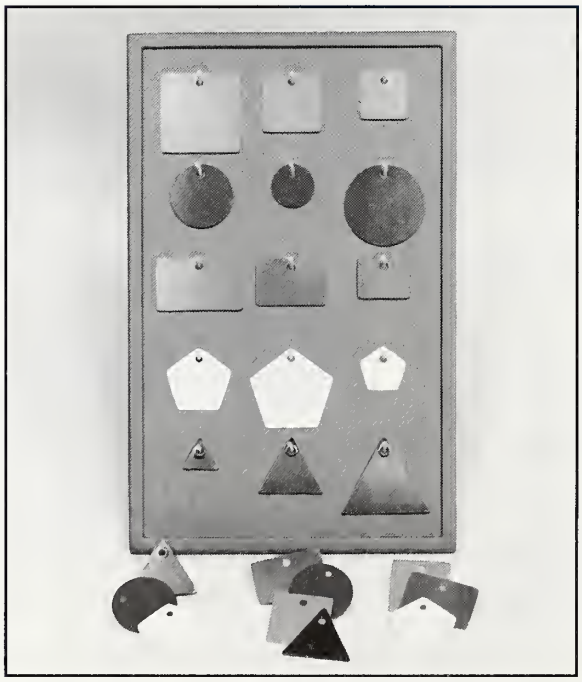
Stringer only: 1-03790-00.....$4.25

Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position. Includes a 12-hole board measuring 12 7/8 x 9 7/8 inches, and 12 large textured pegs. Print instructions. Recommended ages: 1 to 6 years.

1-08930-00.....New Lower Price! $22.00





Shape Board

Students learn to discriminate, sort, and classify different geometric figures according to size, shape, color, and/or position on a pegboard. Also aids in understanding directional terms (up, down, right, and left). Consists of 15 geometric shapes and a board measuring 14 1/2 x 22 1/2 inches, with three columns of five pegs. Set of shapes is made up of five different geometric forms of three relative sizes (small, medium, and large). Print instructions. Recommended ages: 4 years and older.

1-03710-00.....$83.00

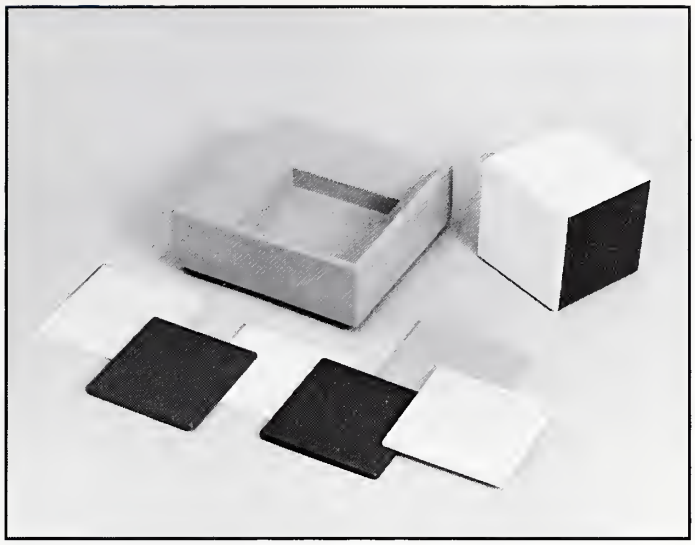
Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

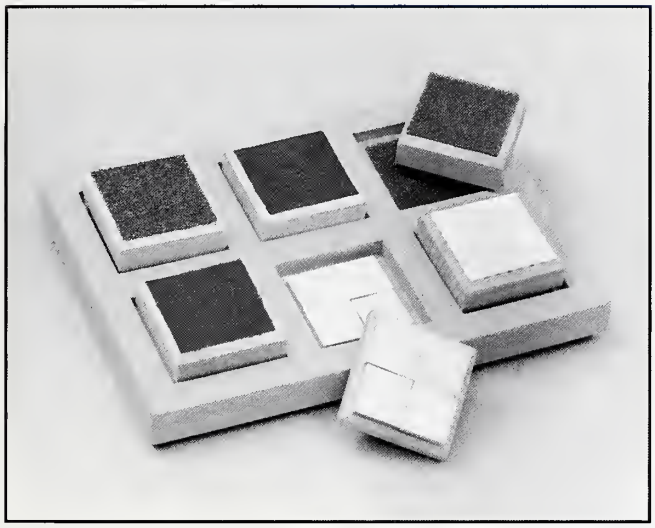
Large Textured Block

Develops gross motor dexterity, visual and tactual discrimination, and simple matching skills.

The 3-inch square plastic block features sides of four different colors and textures. Six plastic inserts which duplicate the sides of the block are matched with their counterparts on the block. An insert is placed in the included frame; the block is then placed on top of the insert, matching side down. Recommended ages: 5 years and older.

1-03820-00.....New Lower Price! $25.00





Textured Matching Blocks

Permits tactual matching, recognition of types of textures, and identification of textures by name, while reinforcing directional and positional concepts.

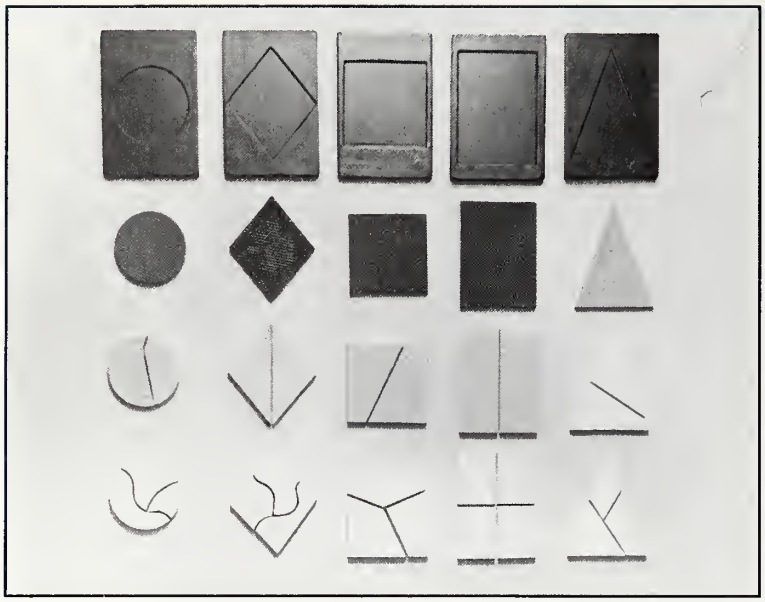
Includes six blocks of different textures measuring 2 1/4 x 2 1/4 inches, and a 6 3/4 x 10 inch board with identically textured nests for block matching. Print instructions. Recommended ages: 3 to 6 years.

1-08950-00.....$57.00

Formboard with Removable Hands

Designed for beginning orientation to left and right hand position and texture recognition. Base measures 16 x 7 inches and has left and right hand shapes incised for placement of puzzle pieces. The tops of removable hand pieces are smooth, while the bottoms are textured. Hands and base are of contrasting colors. Print instructions. Recommended ages: 3 to 6 years.

1-03700-00.....$25.00



Puzzle Form Board Kit

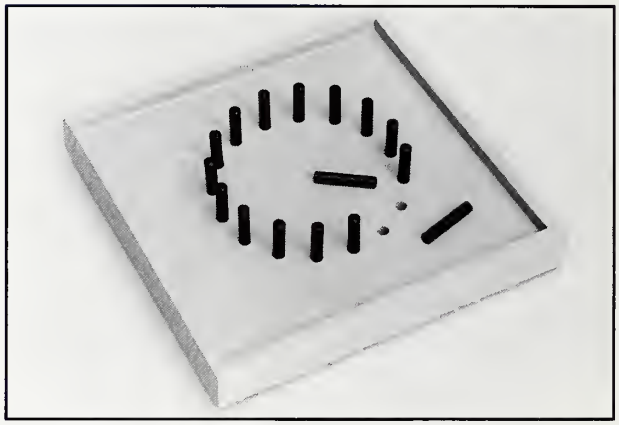
Multipurpose, supplementary aid for teaching basic concepts such as shape, texture, color, size, and matching. Five 4 x 6 inch frames are included, each with an incised shape of either a circle, square, triangle, diamond, or rectangle. Fifteen puzzle figures fit into these frames, three for each frame. Each figure is cut into one, two, three, or four pieces. The five sets of shapes are different colors, and each of the three figures in a set is produced in varying tones of the same color. All figures cut into the same number of pieces are manufactured with the same texture. Recommended ages: 3 years and older.

1-03720-00.....$71.00

Peg-A-Circle Set

Assists in the understanding of the concepts of next, sequential order, and clockwise and counterclockwise. Consists of a 12 inch square board containing 16 holes in a circular pattern, and 16 pegs. Large type instructions. Recommended ages: 3 years and older.

1-08550-00.....$40.00



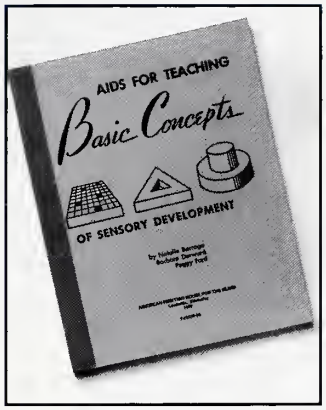
Peg Kit

Provides tasks to help children develop skills in manipulation; number and language concepts; and color, size, and tactual discrimination. Contains nine pegs of varying size, color, and texture; a manipulation/storage container measuring 7 1/2 x 10 1/4 x 2 1/2 inches; and six black inset frames with holes of varying number and size. The frames fit into the top of the box and provide for matching, sorting, and manipulating the pegs. Recommended ages: 3 to 8 years.

1-03420-00.....New Lower Price! $23.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

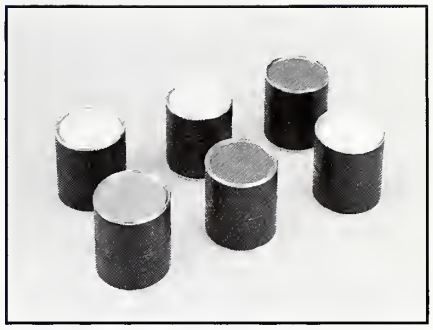
Aids for Teaching Basic Concepts of Sensory Development



This regular print handbook discusses sensory development concepts relevant to the visually impaired child. It contains activities and guidance for use with children from infancy through primary age and with children with multiple disabilities.

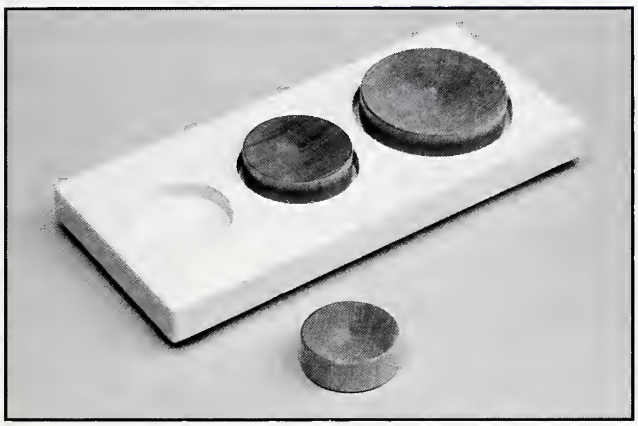
***Aids for Teaching* book:**
7-02250-00.....New Lower Price! $23.00

Sensory Cylinder Set



Develops skills in manipulation; number and language concepts; and tactual, color, and weight discrimination. Contains six green fiber cylinders, 2 1/2 inches in diameter and 3 inches high. Cylinders come in paired weights of 100, 200, and 300 grams. Recessed ends of the cylinders afford six textured matches: three different fabrics and three textures made from white plastic. No two matches of weight, texture, or color can be made simultaneously. Recommended ages: 3 years and older.

Sensory Cylinder Set: 1-03670-00.....$69.00



Small, Medium, and Large Circles, Set I

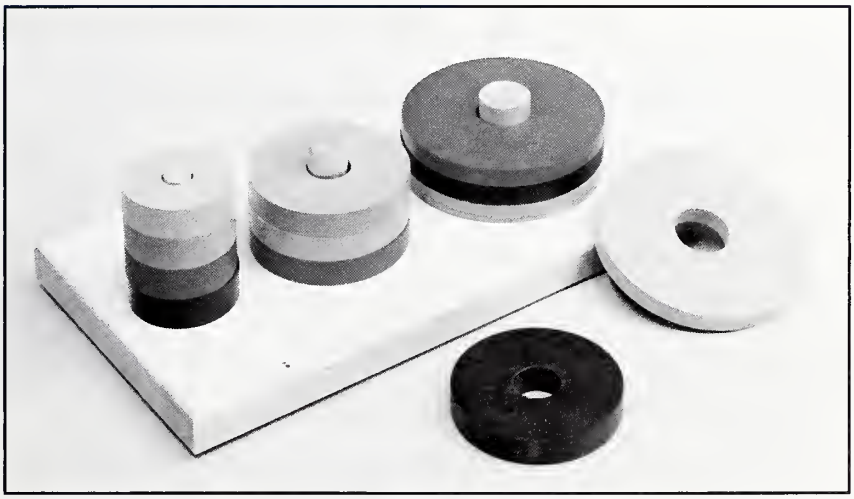
Introduces the concept of fine size discrimination. A 4 x 8 7/8 inch frame contains three recessed nests for holding three wooden circles of various sizes. Print instructions. Recommended ages: 1 to 6 years.

1-08590-00....$14.50

Small, Medium, and Large Circles, Set II

Allows for perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. A 6 x 11 1/2 inch base has three pegs to be used in sorting three sets of four circles. Circles are painted in four different colors, and as circle diameter increases, thickness decreases. Print instructions. Recommended ages: 3 to 6 years.

1-08600-00.....$63.00



Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Included are: 12 cylinders, 1 inch in diameter and 2 inches long (four loud- and eight soft-sounding), and a circular, 12-hole board, 10 3/4 inches in diameter. Cylinders and board are of contrasting colors. Print instructions. Recommended ages: 3 years and older.
1-08710-00.....$51.00

Sound Matching Board II

Introduces seriation, develops understanding of directional and positional concepts, and assists in matching and discrimination instruction.

Includes eight shakers of four different sounds measuring 2 inches in diameter and 3 3/8 inches long, and an 8-nest base measuring 5 3/4 x 11 1/4 inches. Print instructions. Recommended ages: 3 years and older.
1-08720-00.....$44.00

Other products for younger or multihandicapped children in this catalog:

- *Discovering the Magic of Reading: "Elizabeth's Story"*—see Videos
- See Educational Games for several products
- See Low Vision Products for several products
- *On the Way to Literacy*—see Featured Product section in center of catalog
- *PREP Reading Program*—see Literacy: Braille: Language Arts
- Tactile Marking Mat—see Writing Instruction
- Wooden Constructo Sets—see Prevocational Products

Ordering is easy! Call 1-800-223-1839 Normal shipping is always FREE!

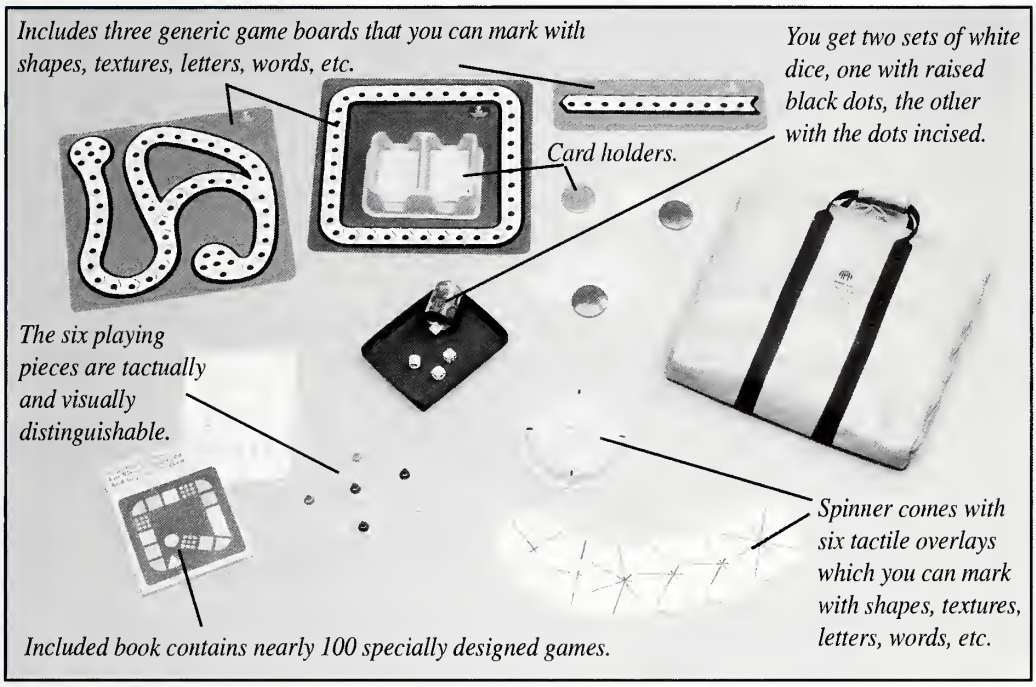
Make learning fun with educational games from APH! We offer four classic games, plus a generic kit that allows you to adapt or create any game you choose!

Note: All of these games can also be enjoyed by children who are sighted, making them well-suited for mainstream settings. These games introduce ideas fundamental to the understanding of tactile graphics.

Game Kit

Playing games is a good way for children to learn social and educational skills. The Game Kit is a collection of common game parts all designed especially for use by low vision or blind players.

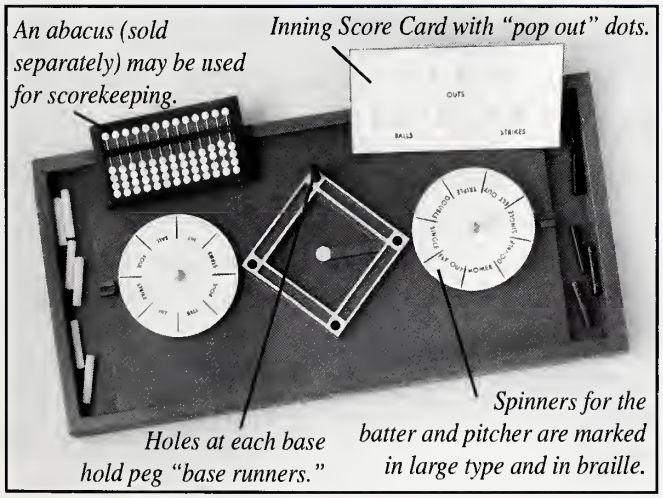
Items in the Game Kit can be used to play the games in the included handbook, to adapt commercial games, or to create new games. Thus, it enables you to review virtually any school subject matter by means of a game.



Recommended ages: 5 years and older.

Game Kit: 1-08440-00.....$180.00

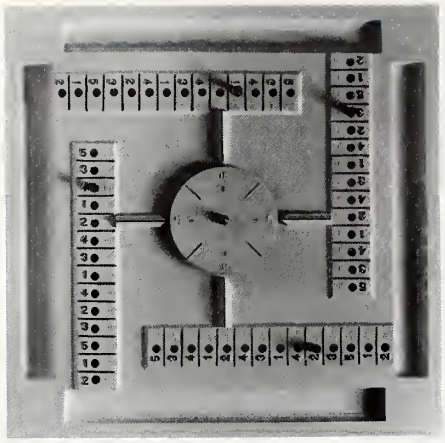
Quantity discount available! See "How to Order" in center.



Baseball Game

Players learn about the layout of a baseball diamond, the positions of players, and baseball terms while using math skills to keep score and to track balls, strikes, outs, and innings. Plastic game board (23 x 11 1/4 inches) has high contrast colors, and textured base lines for tactual discrimination. Playing instructions are included in print. Recommended ages: 8 years and older.

1-08100-00.....$97.00

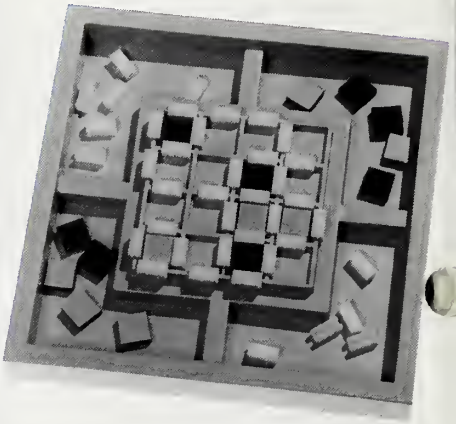


Ten Spot Game

Assists children in learning basic game skills, such as following directions, using a spinner, taking turns, becoming good winners and losers, and practice in simple addition. The object is to be the first to land on spaces whose numbers amount to 10. Pegs are used to move along a 14-hole "ladder," with the number of moves determined by a spinner. Spinner and holes are marked in braille and large type. The game board measures 20 x 20 inches, and is light yellow to contrast with the five black pegs. Instructions in print. Recommended ages: 8 years and older.

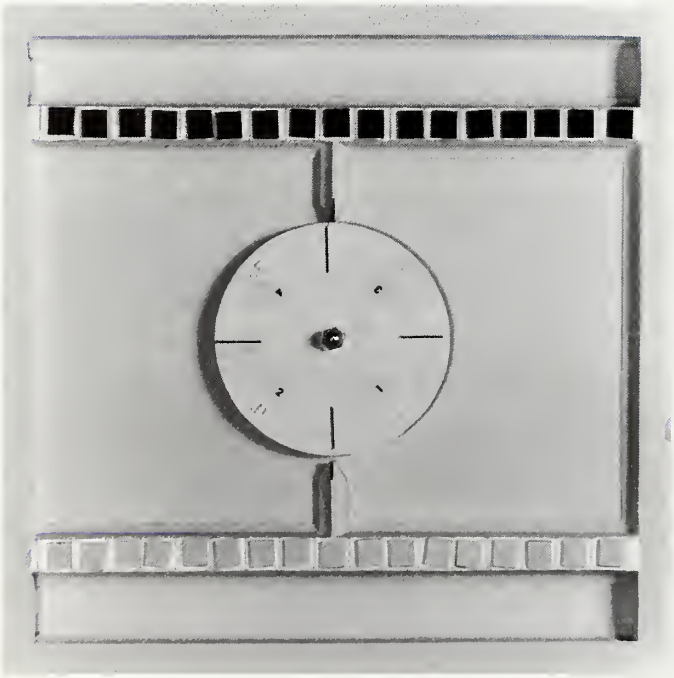
1-08920-00.....$74.00

The Game of Squares



Teaches basic game skills. Is an adaptation of the traditional two-player pencil and paper game in which dots are connected to make squares. Players alternate placing plastic "sides" on the board to enclose a small square. Completed squares are covered with the player's marker; the player who covers the most squares wins. Light blue game board measures 9 7/8 x 9 7/8 inches, has a 16-square game grid in the center, and storage areas for game pieces surrounding it. Instructions in print. Recommended ages: 8 years and older.

1-08430-00.....$37.00



Take Away Game

Two-player game provides practice in reading and counting braille and large type numerals one to four and helps children learn basic game skills. To play, first one and then the other player spins the spinner to determine how many pieces may be taken from the opponent. When a player has no pieces left, the other player wins.

Light yellow game board measures 14 3/8 inches square. A white spinner, mounted in the center of the board, is marked with braille and large type numbers. Two strips of laminated metal hold the magnetic game pieces during play. Thirty-four game pieces are included: 17 black, rough-textured pieces and 17 blue, smooth-textured pieces. Recommended ages: 5 years and older.

1-08900-00.....$99.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Score Card Set

This generic Score Card is made of very durable plastic. It has twenty "buttons" in two rows of ten. Simply push down on a button to register one event. Buttons stay pushed down until the user clears the card by popping them up again. It is possible to assign the top or bottom row as the "tens" row, having each depressed button in this row represent a total of ten. As a result, it is possible to keep track of up to 110 events.

The Score Card Set includes two brightly colored cards in yellow and green. Brief instructions in print and braille are also included. Recommended Ages: All ages.

Score Card Set: 1-17001-00.....$9.00

Other game-related products in this catalog:

- *Brain Quest®: Science*—see Science
- *Quick Pick: Math*—see Mathematics

Educational Products: Geography

The Globe: Tactile and Visual

This table-model is a standard 12 inch political globe covered with a tactile clear plastic overlay. Among the overlay's features are continent outlines, higher and lower elevations, raised latitude and longitude lines, and a dashed line for the International Date Line. Mounted on a metal stand with a wood base. Recommended ages: 10 years and older.

1-01551-00.....New Lower Price! $53.00

Quantity discount available! See "How to Order" in center.

Relief Map for Desk Use

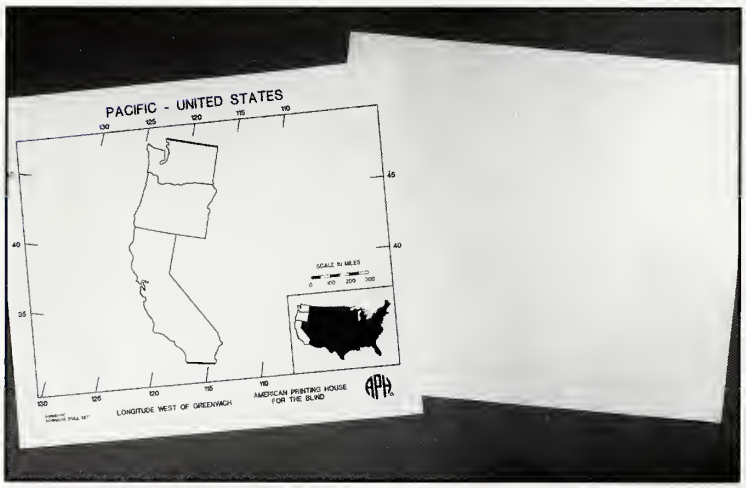
Relief map of the continental U.S. with elevations that are exaggerated 20 times in relation to horizontal areas. Ocean floors are incised with latitude and longitude lines. This plastic map uses high-contrast paint to depict water areas as blue and land surfaces as yellow and brown. Measures 21 1/4 x 15 1/4 inches.

1-01650-00.....New Lower Price! $25.00

Outline Maps of the United States in Braille and Large Type

These braille and large type maps are inexpensive and consumable, allowing teachers to mark them appropriately for the lesson of the day. We have ten different maps in each medium, all on 17 x 15 inch paper:

- **Forty-Eight Contiguous States:** This map and the regional maps include a scale of miles and latitude and longitude lines.
- **Eight Different Regional Maps of the U.S.:** Each map (except Alaska) has an insert which shows the region's location in relation to the continental U.S. All regional maps are the same scale in relation to each other.
- **North America and Hawaii:** Overview map, drawn to scale, extends east to west from the Atlantic to the Pacific, and from north to south from Greenland, Canada, and Alaska to the West Indies and Central America.



Braille and large type U.S. maps are the same scale in relation to each other.

Braille maps are embossed on white 80 lb. braille paper; large type maps are printed in black ink on nonglare antique ivory paper. State borders, coastlines, and borders between nations are depicted in distinctive, consistent patterns. You can buy a set containing one each of 10 maps or choose packages with 10 copies of a single map. Recommended ages: 6 years and older.

Outline Maps of the United States and Its Regions:

Complete Set (one each of the 10 different maps):
Braille 1-01600-00.....Lower Price! $7.00
Large Type 1-01890-00.....$3.50

Forty-Eight Contiguous States (10 copies):
Braille 1-01601-00.....Lower Price! $3.50
Large Type 1-01891-00.....$3.50

Northeast U.S. (10):
Braille 1-01602-00.....Lower Price! $3.50
Large Type 1-01892-00.....$3.50

Southeast U.S. (10):
Braille 1-01603-00.....Lower Price! $3.50
Large Type 1-01893-00.....$3.50

Midwest U.S. (10):
Braille 1-01604-00.....Lower Price! $3.50
Large Type 1-01894-00.....$3.50

Southwest U.S. (10):
Braille 1-01605-00.....Lower Price! $3.50
Large Type: 1-01895-00.....$3.50

Mountain U.S. (10):
Braille 1-01606-00.....Lower Price! $3.50
Large Type 1-01896-00.....$3.50

Pacific U.S. (10):
Braille 1-01607-00.....Lower Price! $3.50
Large Type 1-01897-00.....$3.50

Alaska (10):
Braille 1-01608-00.....Lower Price! $3.50
Large Type 1-01898-00.....$3.50

Hawaii (10):
Braille 1-01609-00.....Lower Price! $3.50
Large Type 1-01899-00.....$3.50

North America and Hawaii (10):
Braille 1-01611-00.....Lower Price! $3.50
Large Type 1-01901-00.....$3.50

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

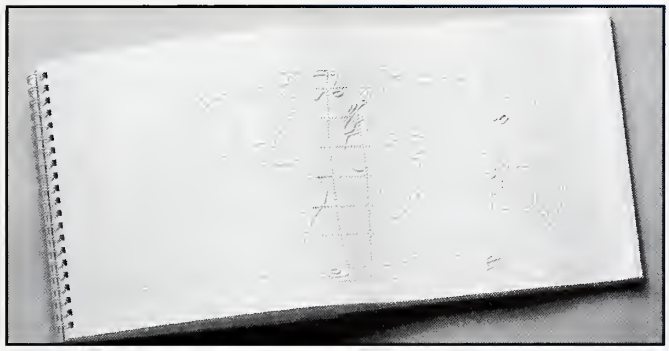
National Geographic® Picture Atlas of Our Fifty States, Braille Edition

Comprehensive braille atlas has detailed tactile maps and accompanying information for each state. APH applied its professional skills in transcription and tactile graphics to produce this seven volume braille edition that has been acclaimed for its clear, precise, and uncluttered raised line maps. Each volume has a full color cover.

You get three maps of each state:

- ✓ A political map of major cities
- ✓ A physical map showing mountains, rivers, etc.
- ✓ A road map of interstate and highway routes

5-87431-00.....New Lower Price! $250.00



Braille World Atlas

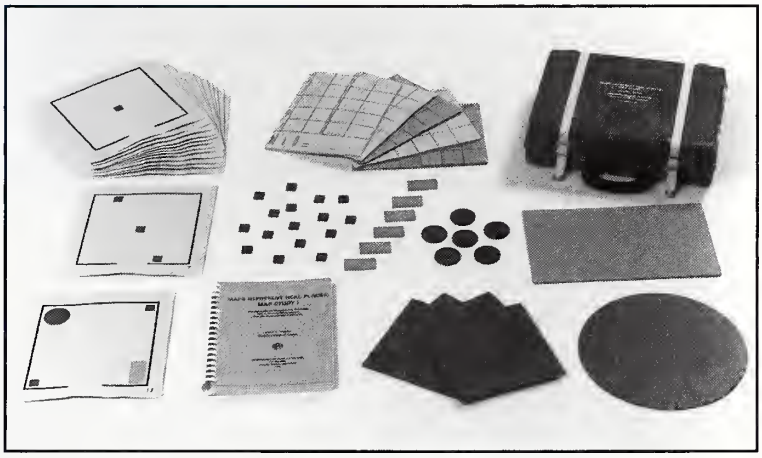
APH has created this special world atlas just for braille readers. It has 37 maps with descriptions, including the solar system; the seasons; continents; oceans; countries; and the regions and states of the United States. Recommended ages: 8 years to adult.

5-06000-00.....New Lower Price! $35.00

Maps Represent Real Places: Map Study I

Introduces basic map concepts using a classroom and other known environments. Students learn to find objects and to identify map symbols representing objects. The 80-lesson program helps you measure progress and choose lessons and activities to meet your student's needs. Includes:

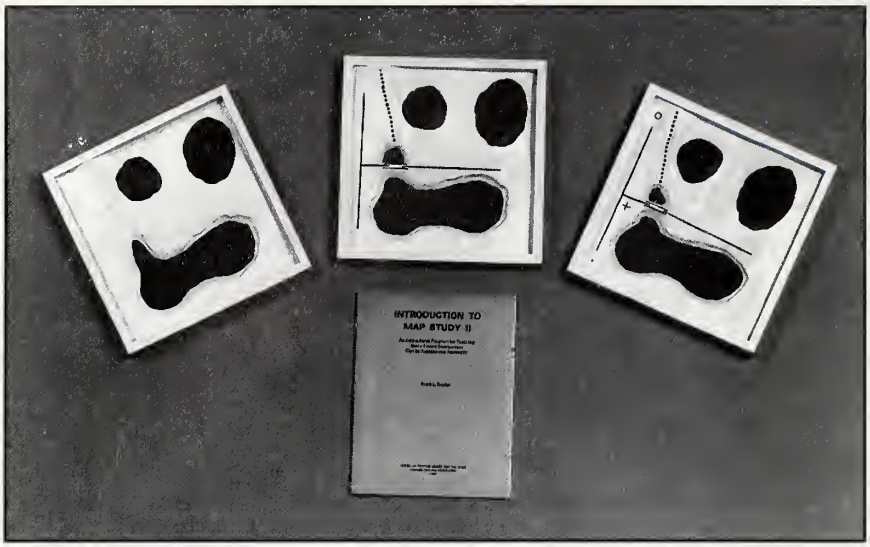
- ✓ Tactile, high contrast color maps of various room arrangements, and sheets for student mapping
- ✓ Large, bright symbols to place on objects in a room, and identical, smaller symbols for maps



Recommended ages: 4 years and older.

Map Study I: 1-01130-00.....$140.00

Note: Teacher materials are in regular print only.
Quantity discount available! See "How to Order" in center.



Basic Map Reading Concepts: Map Study II

Presents 30 map reading concepts in three general areas: location and direction; finding corners; and diagonal, vertical, and horizontal movement.

Includes 13 sequential lesson plans in regular print and three plastic relief maps with contrasting colors designed to introduce areal, linear, and point symbols. Recommended ages: 5 years and older.

1-01120-00.....$80.00

Recognizing Landforms: An Audio-Tutorial Program in Map Study

Make learning geography fun with help from the lively characters on these instructional tapes! This program introduces 40 geographical concepts (distinguishing mountains from valleys, channels from bays, etc.)

Includes 10 brightly colored tactile landforms made of high-impact plastic, six 2-track, 1 7/8 ips cassette tapes, and teacher's and program manuals in regular print. Recommended ages: 6 years and older.

1-01110-00.....$150.00

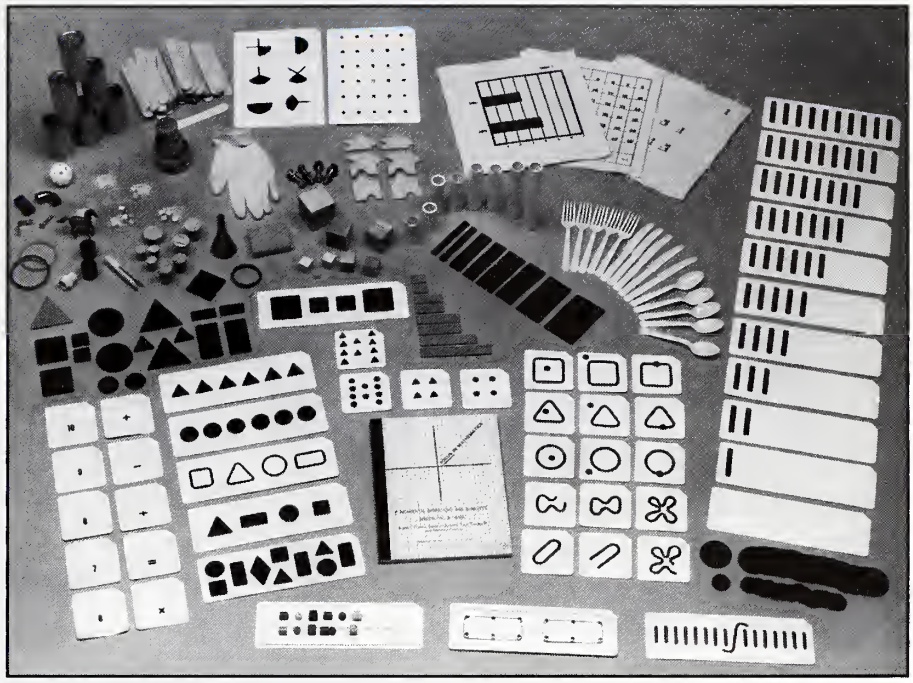
Other products related to geography appearing in this catalog:

- Hundreds Boards—see Mathematics
- O & M Graphics—see Orientation & Mobility

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Our mathematics products help your students by means of concrete examples they can feel.

FOCUS in Mathematics



Activity-based program emphasizes the fundamental operations, properties, and structures of mathematics. You get a set of over 400 materials, each designed to be easily handled and to offer excellent tactile and visual contrast. Concepts are taught through the manipulation of objects. Operations and concepts include:

- Sorting, matching, counting
- Addition and subtraction
- Fractions
- Graphs
- Time and money, etc.

FOCUS in Mathematics comes with an Academic Program (general use) manual. Special manuals are available separately with activities for deaf/blind or multihandicapped students. Recommended ages: 4 years and older.

FOCUS Academic Program Complete Kit:
1-08280-00.....New Lower Price! $260.00
Quantity discount available! See "How to Order" in center.

Replacement Academic manual (already included in complete kit):
7-42700-00.....New Lower Price! $28.00

Deaf/Blind manual (NOT included in complete kit):
7-42710-00.....New Lower Price! $50.00

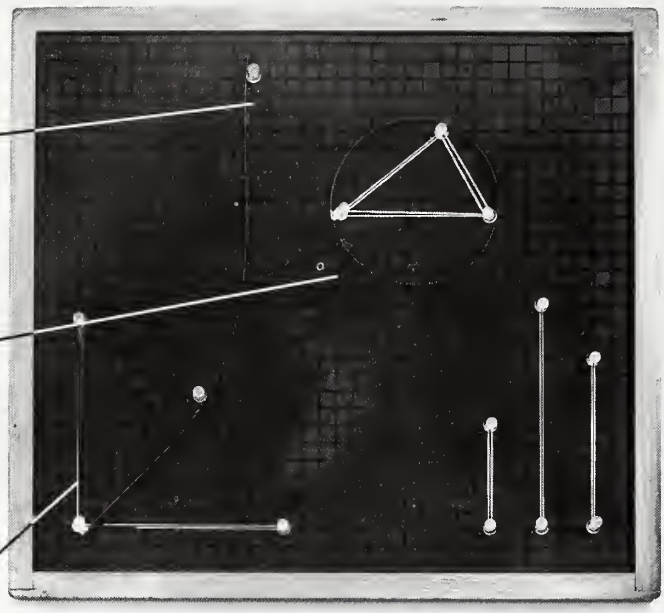
Multihandicapped manual (NOT included in kit):
7-42720-00.....New Lower Price! $50.00

Geometry Tactile Graphics Kit

This is a set of thermoformed raised-line drawings depicting concepts, figures, and relationships which are covered in nearly all geometry textbooks. The graphics in this set provide advantages over braille textbook graphics in that they are large enough for students to measure with rulers or protractors, and they incorporate some features to make measurement easier.

This graphics kit includes 26 white plastic thermoform sheets measuring 8 1/2 x 11 inches. These sheets, housed in a three ring binder, include a total of 52 drawings. Also included are two protractors specially adapted for the kit and a teacher's guide in print and braille.
1-08841-00.....New Lower Price! $43.00

Math students can use this product to construct many different types of graphs.



The first step in constructing figures is to insert push pins at the appropriate coordinates.

To make circles and arcs, use flat spring wires between pins.

To make straight lines between points, connect pins with rubber bands.

Graphic Aid for Mathematics

Use this aid to construct geometric and other mathematical figures related to the study of arithmetic, algebra, geometry, trigonometry, and calculus. The Graphic Aid for Mathematics consists of a cork composition board mounted with a rubber mat which has been embossed with a grid of 1/2 inch squares. Board measures 18 x 19 x 1 inches. Included are three flat spring wires, 14 push pins, and a supply of rubber bands. Recommended ages: 8 years and older.

1-00460-00.....$95.00

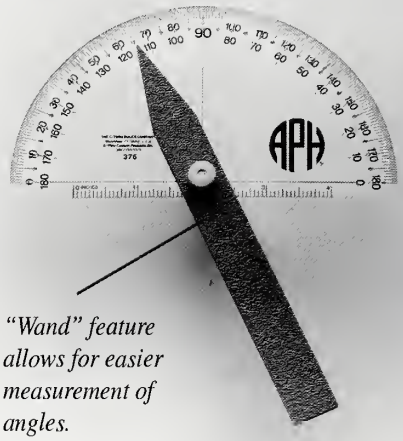
NEW

Braille / Print Protractor

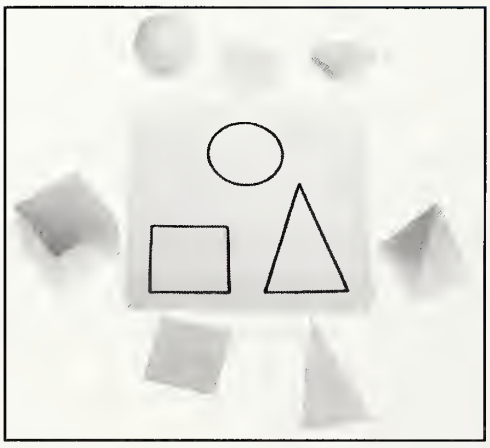
Bold large type numbers and braille dots mark the degrees along the half circle of this 180 degree protractor. Two braille dots mark 10 degree increments, while a single braille dot marks the 5 degree increments.

An unusual feature of this protractor is the "wand." This is a long, flat piece which is pointed at one end and anchored on a pivot at the center of the protractor. When the pointed end of the wand is aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor. Includes print and braille instructions.

1-04115-00.....$5.75



"Wand" feature allows for easier measurement of angles.



Geometric Forms

Introduces primary students to three basic shapes: the circle, square, and triangle. Kit includes three plane figures, four solid figures, and a white, vacuum-formed plastic sheet illustrating the three shapes in black, raised lines. Recommended ages: 5 years and older.

1-03410-00.....$38.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

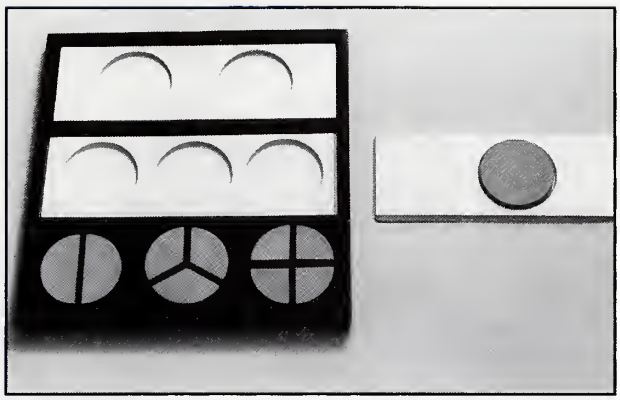
Fractional Parts of Wholes Set

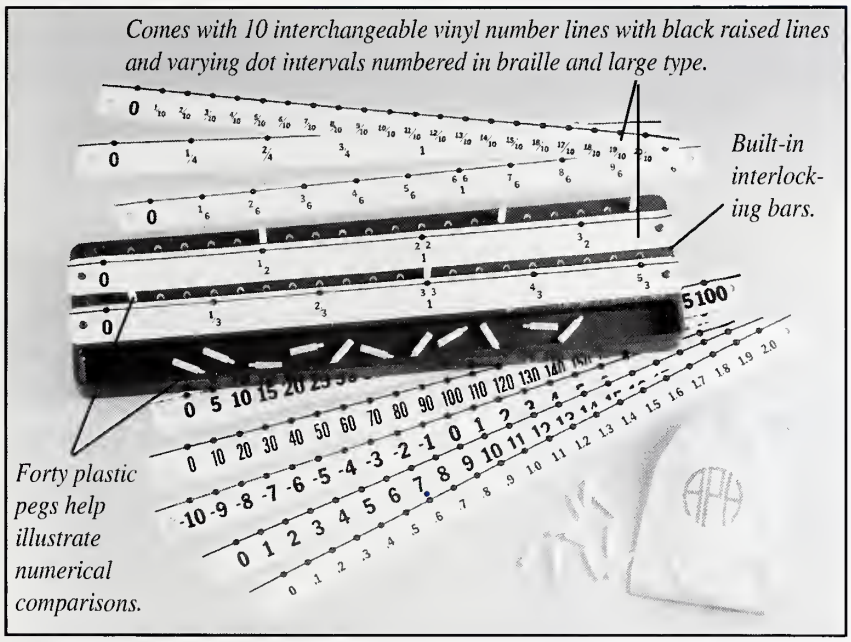
Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains:

- ✓ One work tray
- ✓ Three form boards with one, two, and three recesses, respectively
- ✓ Four 3 inch diameter circles, one whole and the others cut into halves, thirds, and fourths

Recommended ages: 6 years and older.

1-03290-00..$42.00

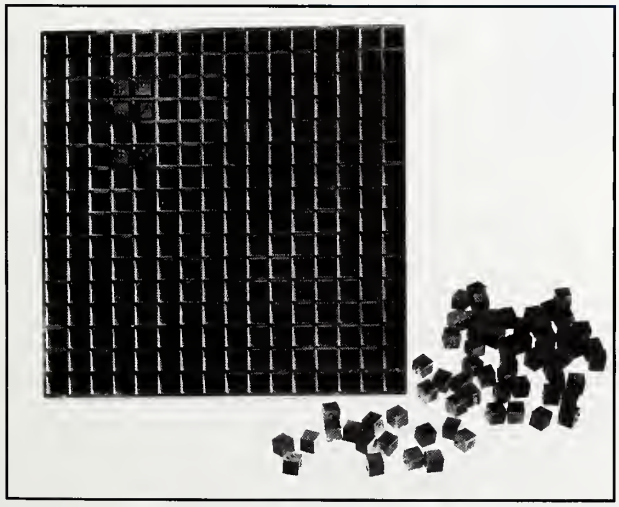




APH Number Line Device

Supplemental device bridges the gap between concrete representations and abstract concepts of numbers. Base measures 24 1/2 x 6 1/2 inches and holds two number lines for comparison (e.g., tens and fourths). Instructions in regular type. Recommended ages: 6 years and older.

1-03480-00.....$57.00

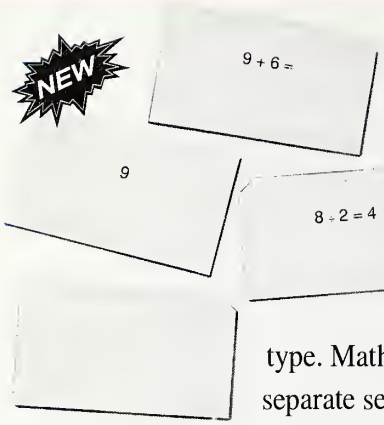


Brannan Cubarithm Slate and Cubes

Young students may find it easier to use this device rather than a brailler for problems such as multiplication. A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille. Frame measures 8 3/4 x 9 inches. Each cube represents one digit. Frame and cubes are sold separately. Recommended ages: 6 years and older.

Cubarithm Slate 1-00320-00.....$16.00

Plastic Cubes (Set of 100) **1-00330-00.....$15.50**



Math Drill Cards in Braille and Large Type

The Math Drill Cards set is a handy math skill reinforcing tool presented in braille and large type. Math Drill Cards are sold as five separate sets. These include:

- Number and Math Signs (numbers 1-100 and basic math symbols) • Addition (100 facts) • Subtraction (100 facts) • Multiplication (100 facts) • Division (80 facts)

The Number and Math Sign Cards have a Nemeth math or number symbol in braille on one side and the same braille sign with its print equivalent on the other side. The math operations cards have a fact in large type and braille on one side and the same fact in large type and braille on the other side with the answer included.

Math Drill Cards measure 3 1/2 x 2 inches. They are made of a low-glare manila card stock with black printing. For orientation, each card has an upper right corner cut, as well as a row of braille letter "c"s near the top edge of the card.

Recommended ages: 5 to 10 years.

Number & Math Sign Cards: 1-03551-00..$5.00

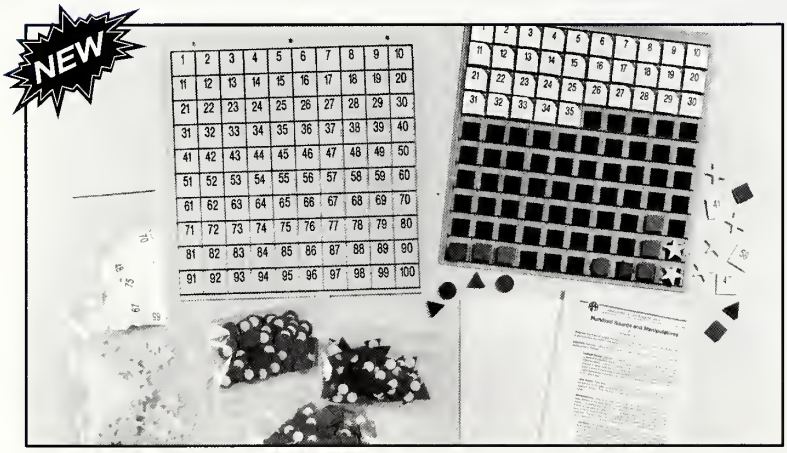
Addition Cards: 1-03552-00.....$5.00

Subtraction Cards: 1-03553-00.....$5.00

Multiplication Cards: 1-03554-00.....$5.00

Division Cards: 1-03555-00.....$5.00

Note: Some assembly required. The above products do not include a storage box.



Hundreds Boards and Manipulatives

These two boards and included manipulative items can be used to help teach dozens of basic math and social studies concepts. The Hundreds Boards and Manipulatives kit includes two desk-sized boards made of heavy-duty plastic and measuring 15 1/2 x 16 inches.

The Grid Board is gray and has a raised-line 10 x 10 grid outlined in black. Each square is blank except for a piece of hook material for attaching the included manipulatives.

The Number Board is yellow and also has a raised-line 10 x 10 grid outlined in black. On this board, the grid is preprinted with the numbers 1 through 100 in large type and in Nemeth Braille. The Number Board acts as a reference to check work placed on the Grid Board and can be used for quick demonstrations of concepts.

Included with this kit are hundreds of manipulative pieces that are made of tough plastic and backed with loop material for attaching to the Grid Board. There are two kinds of manipulatives, numbers (1 through 100) and four colored shapes.

A few of the uses of the Hundreds Boards include:

- Patterning • Counting • Ordering numbers • Comparing numbers • Addition, subtraction, and multiplication • Graphing data • Using cardinal directions

Recommended ages: 5 to 10 years.

Hundreds Boards and Manipulatives: 1-03105-00.....$96.00 *Note: Some assembly required.*

Numbers only: 1-03105-01.....$11.30

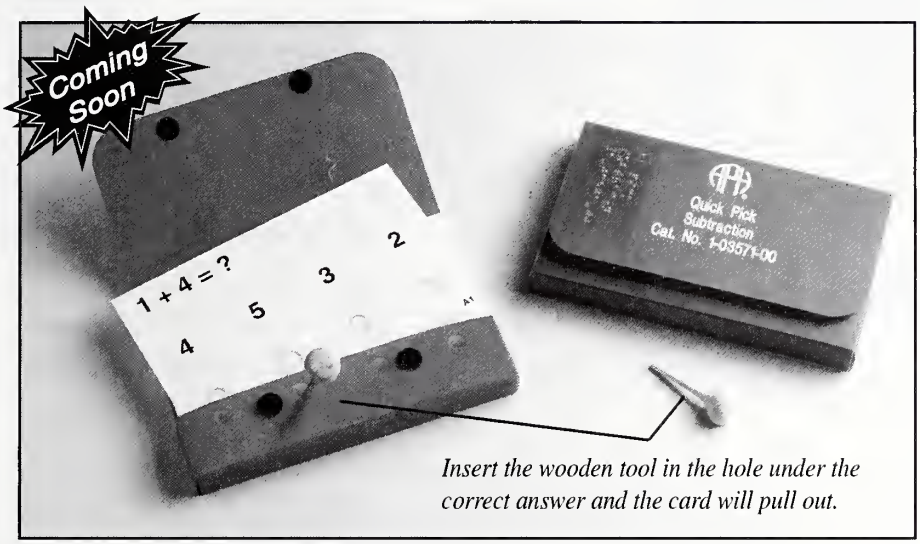
Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Quick Pick: Math

This fun and challenging new math game can be played at school, at home, or in the car.

Each game consists of a plastic packet containing fifty large print/braille cards. The front and back of each card contains a math question and four possible answers.

To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out of the packet. If the answer is incorrect, the card will not pull out. The object is to "quick pick" as many cards as possible from the packet on the first try.



Insert the wooden tool in the hole under the correct answer and the card will pull out.

Quick Pick Math:

Addition: 1-03570-00.....$TBA

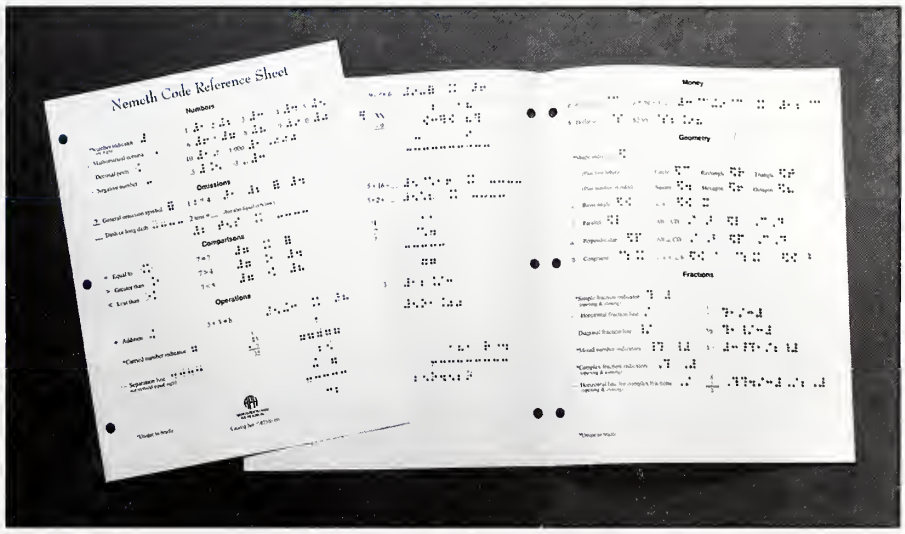
Subtraction: 1-03571-00.....$TBA

Multiplication: 1-03572-00.....$TBA

Division: 1-03573-00.....$TBA

Nemeth Braille Code Reference Sheet

Have you forgotten what a division sign looks like, how to braille a modified expression, or do you just need a quick refresher on how to braille a vertical problem? No problem!



We have designed a quick reference sheet that will help. This tool is a four page print booklet that is three hole punched for the convenience of placing it in a notebook. It covers the following topics:

- Numbers
- Omissions
- Comparisons
- Operations (Addition, Subtraction, Multiplication, and Division)
- Money
- Geometry
- Fractions
- Other Miscellaneous Symbols

Nemeth Braille Code Reference Sheet:
7-87500-00.....$2.50

Abacuses—Useful, tactile calculating tools for students and adults!

Beginner's Abacus

A counting frame for reinforcing beginning mathematical concepts such as one-to-one correspondence, counting, place value, addition and subtraction. This math tool can be used as a substitute for pictures as visually impaired children advance from the concrete stages of math to more abstract representations. The Beginner's Abacus also introduces young students to abacus terms such as "set" and "clear."

The Beginner's Abacus consists of a black rectangular frame with 2 rods. Both rods have 9 movable, large, white, beads that fit against a dark felt backing. A raised APH logo has been placed at the top of the Beginner's Abacus in order to help the users determine which end is the top or bottom.

The Beginner's Abacus is accompanied by a print guidebook containing lessons that are intended to familiarize the teacher and student with its uses and terminology. A braille edition of the guidebook is available separately. Recommended ages: between 5 and 7 years.

Beginners Abacus (includes print guidebook):
1-03180-00.....$20.00

Beginner's Abacus Guidebook, Print Edition:
7-03180-00.....$6.00

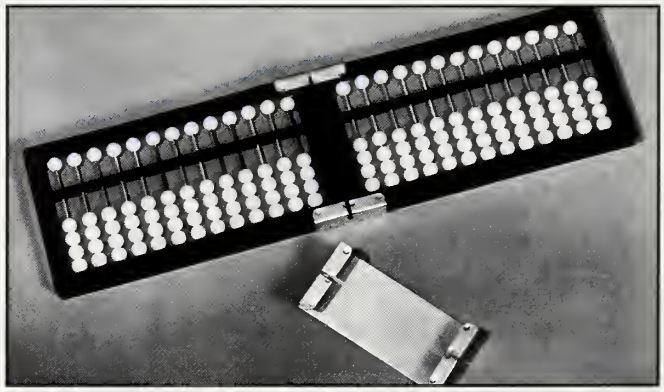
Beginner's Abacus Guidebook, Braille Edition:
5-03180-00.....$6.00

Cranmer Abacus

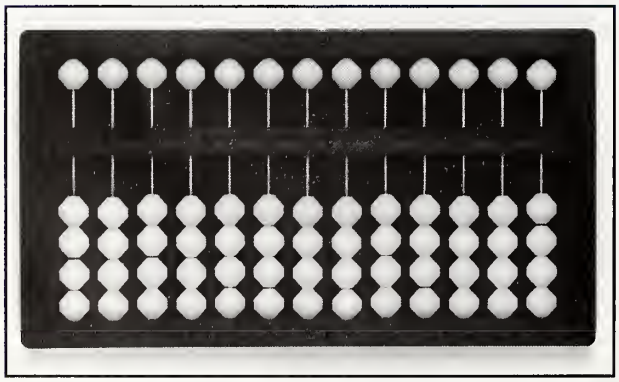
13-rod abacus similar to a Japanese soroban. Its frame measures 6 1/8 x 3 1/4 inches and is made of high-impact plastic. Beads are formed of a rigid plastic with a diameter of approximately 3/8 inch. Felt backing prevents beads from slipping. An optional metal coupler is available for linking two abacuses together. Recommended ages: 8 years and older.

Cranmer Abacus: 1-03150-00.....$18.00

Coupler for Cranmer Abacus 1-03160-00.....$5.50



Cranmer Abacuses and Couplers sold separately.



Large Abacus

Young students and those without fine motor skills can benefit from this large version of the Cranmer Abacus. Frame measures 8 1/4 x 4 1/2 inches and the bead diameter is approximately 1/2 inch. Both the frame and beads are made of high-impact plastic, and a felt backing prevents the beads from slipping.

1-03170-00.....$22.50

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Hands-On Experience with the Cranmer Abacus (videos and booklet)

This video program and accompanying booklet are designed to familiarize you with basic uses of the Cranmer Abacus. The concepts and skills covered include how numbers are represented and how to perform the four basic math functions on the abacus. All of the information is contained on two videotapes that are clearly indexed for easy location.
1-30004-00.....$25.00

Abacus Instructions (Large Type and Braille)

Not pictured

These books cover the operations of an abacus:

The Abacus Made Easy, by M. Davidow:
Braille Ed.: 5-00220-00...Lower Price! $52.00 • Large Type Ed.: 4-00100-00...Lower Price! $12.50

Using the Cranmer Abacus for the Blind, by Fred Gissoni:
Braille Edition: 6-50100-00.....Lower Price! $50.00 • Large Type Ed.: 4-27110-00.....$21.00

Other items related to mathematics appearing in this catalog:

- Adapted Practice Checkbook—see Prevocational Products
- Analog Clock Model—see Early Childhood and Multihandicapped
- Bold-Line, Embossed, and Low-Relief Embossed Graph Sheets—see Writing Supplies: Graph Paper
- See Calendars for several products
- See Educational Games for several products
- Money Handling and Budgeting—see Transition
- Tangible Graphs—see Literacy: Braille Instruction: Language Arts
- Tactile Treasures: Math and Language Concepts for Young Children—see Early Childhood

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NEW

Basic Tactile Anatomy Atlas

This two-volume set of thermoformed graphics gives a comprehensive overview of the body and is usable at a wide range of grade levels. Volume I includes illustrations of the skeletal, muscular, nervous, and endocrine systems. Volume II illustrates the structures of the cardiovascular, lymphatic, respiratory, digestive, urinary, and reproductive systems.

Each tactual diagram has braille and print labels accompanied by a brief braille description found on the page facing the illustration. A print version of each brailled text is contained in the included Instructional Text.

Recommended Ages: 12 and up.

Basic Tactile Anatomy Atlas: 1-08845-00.....New Lower Price! $99.00

Replacement Instructional Text (regular print): **7-08845-00.....New Lower Price! $12.00**

Brain Quest®: Science

These large type and large type/braille versions of *Brain Quest®: Science 1000 Questions and Answers* have been published by APH with permission from Workman Publishing Company, Inc.

This very popular, commercially-available quiz game includes such subjects as: • Planet Earth • The Universe • Plant and Animal Kingdoms • Atoms • The Body and Mind • Life Processes • Much More!

Two editions of *Brain Quest: Science* are offered. The large type/braille edition is geared for the braille reader and for the sighted peer, teacher, or family member who intends to play the game with the braille reader. The large type edition, without the braille text, is most readable for students with low vision.

Included with *Brain Quest: Science* is APH's Score Card Set that consists of two reusable, brightly colored, tactile and audible plastic scorekeeping devices.

Recommended ages: 9 years and up.

Brain Quest: Science 1000 Questions and Answers (including Score Cards):

Large Type/Braille Edition: 6-17000-00.....$48.00

Large Type Edition: 7-17000-00.....$36.50

Score Card Set only: **1-17001-00.....$9.00**

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Coming Soon

Sense of Science: Plants

Sense of Science: Plants is the first module of a planned series for teachers wanting to make the "world of science" accessible, understandable, and enjoyable for visually impaired students in grades K-3, and for other students who may benefit from a multisensory approach to learning.

The Sense of Science: Plants kit includes:

- ✓ A **large print guidebook** (braille edition available separately) that presents easy-to-follow activities using real objects to teach basic plant concepts.

  Activities incorporate a learning objective, a list of vocabulary and needed materials, an initial inquiry, a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a "science tidbit." Also included are culminating activities, a glossary, a list of resources, bibliographies of related children's books, and activities using the accompanying overlays.

- ✓ A variety of interesting **visual and tactile plant and leaf type overlays** complement the concepts in the guidebook, including:

  • Bean Seed (Cross-Section) • Seedling • Flower • Leaf Types (Margin Types, Vein Types, and Growth Patterns) • Leaf • Log Cross-Section • Taproot System • Tree

  The plant and leaf type overlays are designed to be used with either the APH Light Box or APH Mini-Lite Box, but can also be used as stand-alone materials.

Mini-Lite Box sold separately.

- ✓ Two accompanying **trays** that are designed to slip snugly under a light box ledge and provide a secure working area for manipulating the overlays.
- ✓ An attractive, durable **container** that stores the guidebook, the two trays, and all of the provided overlays. Each set of related overlays is housed in a clear protective and labeled **pocket folder.**

Recommended ages: 5 to 10 years.

Sense of Science: Plants (complete kit): **1-08980-00.....$99.00**

Print Guidebook only: **7-08980-00.....$TBA**

Braille Guidebook only: **5-08980-00.....$TBA**

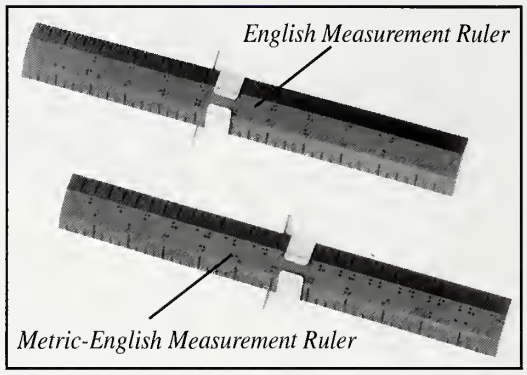
Other products relating to science appearing in this catalog:

- ColorTest—see Technology
- See Literacy: Braille Instruction: Tactile Graphics Tools
- See Mathematics for several products
- See Measuring Tools for several products

Help your students understand English and metric measurement.

1-Foot Braille Rulers

Molded plastic rulers are 1 1/2 inches wide and 1/4 inch thick, tapering to the reading edge. A metal caliper slide, which aids in accurate measurement, is included with each ruler and is also available separately. Recommended ages: 5 years and above. Two versions of this ruler are offered:



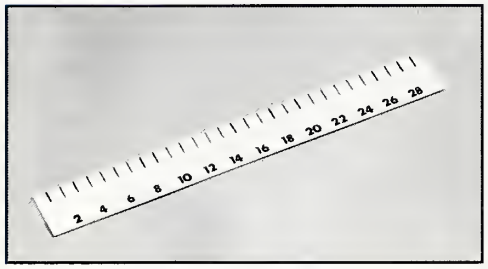
English Measurement Ruler: Inches and fractions are marked by raised lines. Braille numbers are located at one inch intervals. One edge is divided into fourths and the other is divided into eighths.
English Ruler: 1-03070-00....$5.00

Metric-English Measurement Ruler: Contains both metric and English markings for versatility and comparison. Metric edge has raised lines at half-centimeter intervals and braille numbers every two centimeters. The English measurement scale on the opposite edge has raised lines every 1/4 inch and braille numbers at each inch marker. Recommended ages: 5 years and above.
Metric-English Ruler: 1-03100-00.....$5.75

Caliper Slide for Either Ruler (package of five): **1-03091-00.....$10.50**

Flexible Rulers (Braille/Large Type)

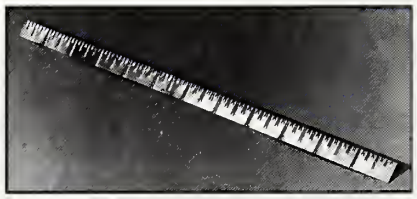
These unique rulers, made of a flexible white plastic, allow tactual and visual measurement of both flat and curved surfaces. Recommended ages: 5 years and older. Two styles are offered:



18-Inch Flexible Ruler (not pictured): Each inch is marked with a raised black line and labeled in both braille and large type. *Package of five.*
1-03050-00..... New Lower Price! **$10.00**

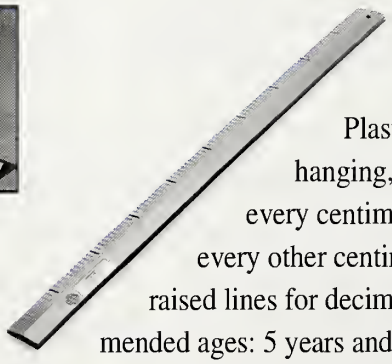
30-Centimeter Flexible Ruler (pictured): Has raised black lines and braille and large type numbers. *Package of five.* **1-03031-00...**Lower Price! **$8.50**

APH Glue-Down Rule (Raised-Line)



Brass rule, one foot long x 1/2 inch wide, that you can bond to sewing machines, band saws, drawing boards, etc. Raised lines indicate divisions down to 1/8 inch. Recommended ages: 8 years and older. *Package of five.*
1-03081-00.....$15.50

Meterstick (Braille)



Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters. Recommended ages: 5 years and older.
1-03000-00..... New Lower Price! **$10.00**

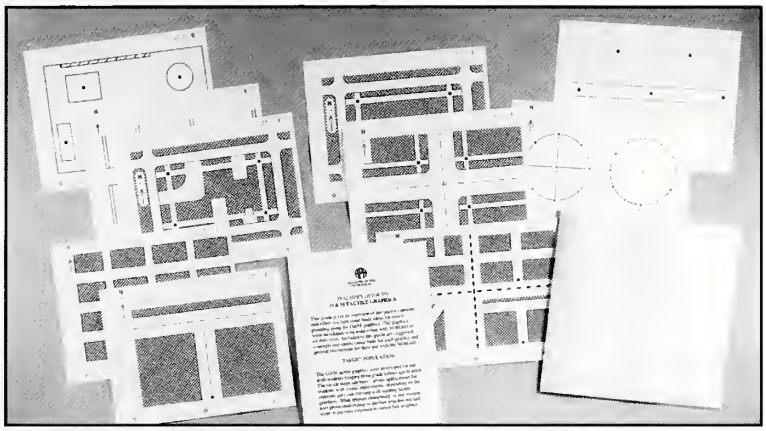
Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

We have several products to aid you in teaching orientation and mobility.

O & M Tactile Graphics

Provides a platform for teaching and practicing concepts integral to orientation and mobility—concepts such as compass directions, clock locations, and navigating outside (streets and sidewalks) and inside (rooms and hallways). Set of materials contains:

- ✓ 10 tactile graphics
- ✓ Teacher's Guide in print and in braille



Each puff-ink tactile graphic is numbered and 3-hole punched. The use of symbols is consistent from one graphic to the next. Teacher's Guide gives you basic ideas for lesson planning using the graphics, suggested concepts and instructional hints for each graphic.

O & M Tactile Graphics: 1-20100-00.....$44.50

NEW

IMPROVED! Portable Sound Source III

Produces a pulsing tone that provides a source of auditory directional cues for orientation and mobility training, sound localization training, or for playground games.

- Improved! Now powered by four D-cells (included) that are easier for you to replace
- Rate of the tone is continuously variable from 36 to 360 pulses per minute
- Pitch is continuously variable from 600 hertz to 1200 hertz
- On/off switch and rate, volume, and tone knobs are mounted on the front face for easy operation
- Large speaker measures 3 1/2 inches
- Measures 8 x 9 x 3 1/2 inches
- Weighs approximately 6 pounds

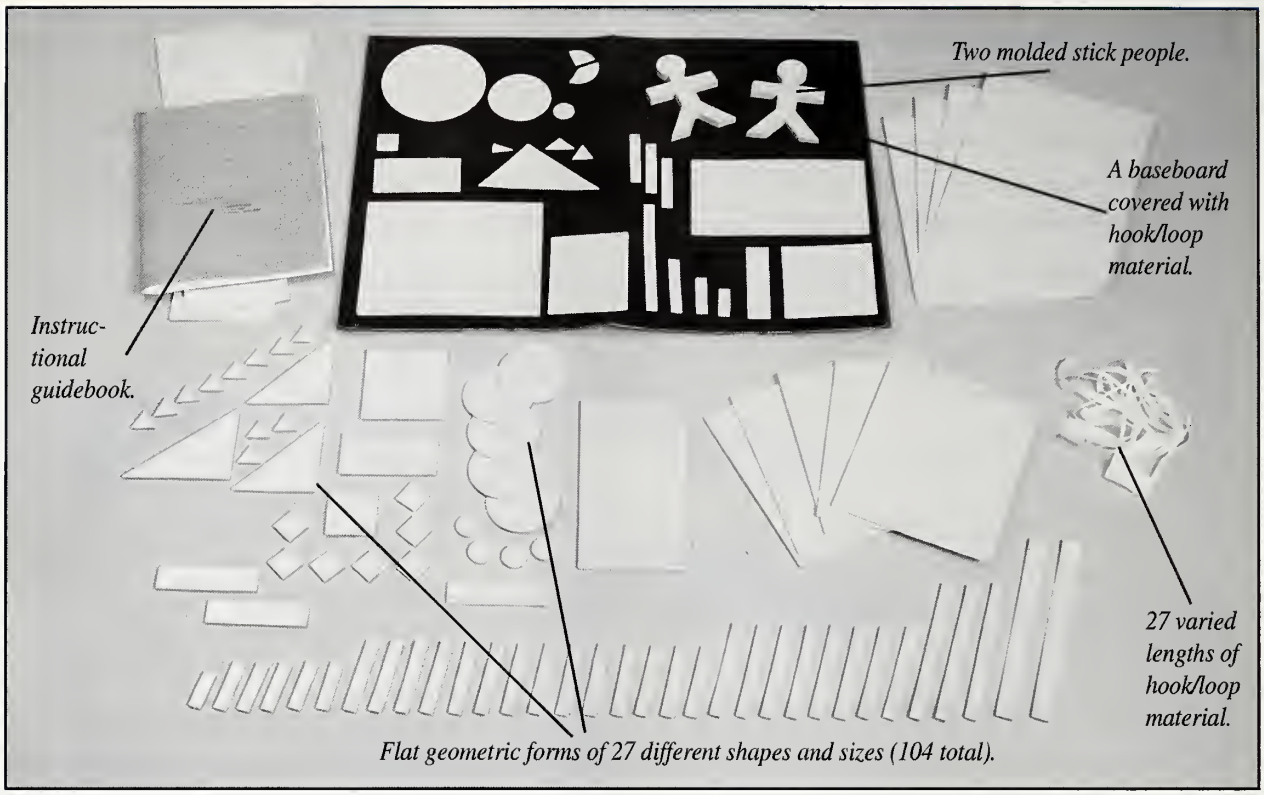
Includes print instructions. Recommended ages: 6 years and older.

Portable Sound Source III: 1-03040-01....$298.00

Quantity discount available! See "How to Order" in center.

Sound Localization Manual only:
8-16080-00.....$6.00

Use the Portable Sound Source for teaching sound location skills or for marking locations such as bases, goal lines, and targets used in various games.



Chang Tactual Diagram Kit

Tactile aid for teachers of orientation, mobility, and other curricula. Construct diagrams and maps using bright yellow plastic pieces that adhere to a dark felt board. Entire set is contained in a sturdy carrying case (not shown).

Recommended ages: 6 years and older.

Chang Kit: 1-03130-00.....$155.00
Print Instructional Guidebook only: **7-21900-00.....$20.00**

Other items related to orientation and mobility appearing in this catalog:

- Abacuses (for counting blocks, turns, or landmarks)—see Mathematics
- Graphic Aid for Mathematics—see Mathematics
- Hundreds Boards—see Mathematics
- See Literacy: Braille Instruction: Tactile Graphic Tools for several products
- Low Vision Observation Checklists—see Low Vision Products
- Map Studies I and II—see Geography

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Students can begin to develop workplace skills with these products.

Prevocational Skills Development Materials

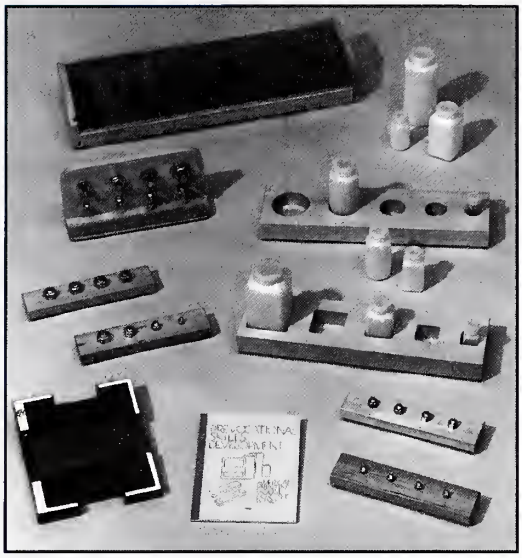
Designed for multihandicapped students, this kit, along with other materials suggested in the print guidebook, develops various manipulative skills and the basics of matching, sorting, counting, assembling, seriating, and packaging.

Contains six sets of materials (items also available separately):

- ✓ **Paper-Folding Jig:** Assists in 3-part folding of 8 1/2 x 11 inch paper
- ✓ **Round and Square Containers with Screw Tops:** 10 plastic bottles and two seated boards
- ✓ **Sorting and Assembly Tray:** with adjustable dividers for sorting two to 12 different items
- ✓ **Bolt, Nut, and Washer Board:** with eight bolt, nut, and washer sets of graduating size
- ✓ **Bolt Practice Boards:** four boards with stationary bolts of various sizes with removable nuts
- ✓ ***Prevocational Skills Development:*** a regular type guidebook

Recommended ages: 10 years and older.

Prevoc. Complete Kit: 1-08000-00.....$424.00
Quantity discount available! See "How to Order" in center.



Items available separately:

Paper-Folding Jig:
1-08010-00.....New Lower Price! $29.50

Round & Square Containers with Screw Tops:
1-08020-00.....$137.50

Sorting & Assembly Tray: 1-08030-00...$120.00

Bolt, Nut, and Washer Board:
1-08040-00.....$49.50

Bolt Practice Boards:
1-08050-00.....New Lower Price! $86.00

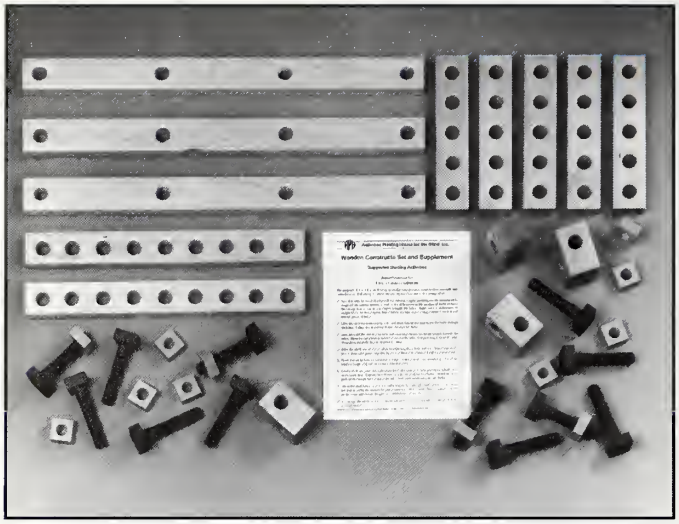
Prevocational Skills Development (guidebook):
8-01300-00.....New Lower Price! $5.00

REVISED! Adapted Practice Checkbook

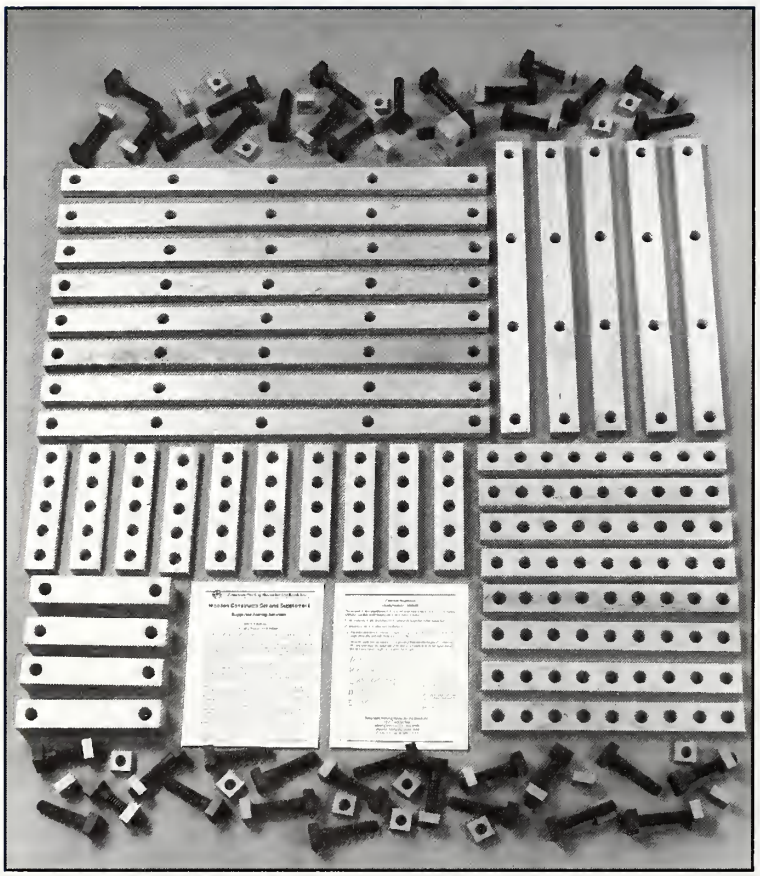
Formerly called the Raised-Line Checkbook for Educational Purposes, this redesigned practice checkbook features raised lines on regulation checkbook paper, large type deposit tickets and a large type record book. The deposit tickets and record book can be brailled using a slate. This checkbook is the same one included in Money Handling and Budgeting (see Transition). Recommended ages: 14 and older.

Complete Adapted Practice Checkbook:
1-03501-00...Lower Price! $8.00

Checks/Deposit Tickets only (pack of 5): **1-03502-00....$14.50**



Items may differ slightly from those pictured.



Wooden Constructo Sets

Choose from two sets that help children to develop creativity, problem solving skills, muscular coordination, manual dexterity, and construction concepts. Construct all types of structures using various lengths of finished hardwood which have been drilled with holes at regular intervals. Lengths are linked together with nuts and bolts, which are color-coded for easy recognition. Recommended ages: 4 years and older.

Junior Constructo Set

Young children can construct simple shapes with this kit; it's a fun way for them to develop muscular coordination, construction concepts, and inventiveness. Set contains:

- ✓ Twelve red bolts measuring 5/8 inch in diameter and 4 inches long
- ✓ Twelve yellow nuts
- ✓ Four right-angle joints
- ✓ Ten wooden lengths of various sizes

Constructo Junior: 1-03690-00.....$110.00

Constructo Set Supplement

Older children can expand their creative abilities by creating more complex objects with the Constructo Set Supplement. Kit consists of:

- ✓ Thirty-eight red bolts measuring 5/8 inch in diameter and 4 inches long
- ✓ Thirty-eight yellow nuts
- ✓ Four right-angle joints 9 inches long, and one that is 2 7/8 inches long
- ✓ Forty-one wooden lengths of various sizes

Constructo Supplement: 1-03200-00.....$300.00

Other products relating to prevocational skills appearing in this catalog:

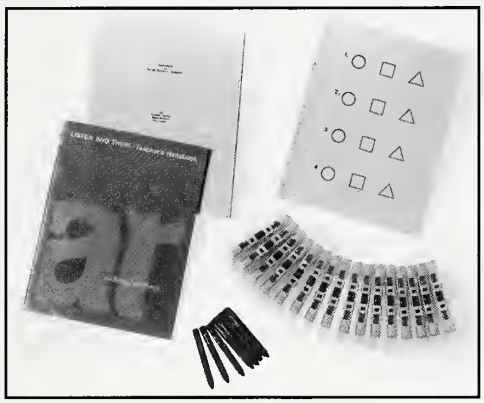
- See Keyboarding Skills for several products
- See Organizational Products for several products
- See Transition for several products

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

These products on cassette can help students master spelling and listening comprehension.

Listen and Think

Students can develop and improve listening comprehension and thinking skills with the three levels of this tape lesson series.



Listen and Think Auditory Readiness (AR) Level:

Covers basic listening skills such as understanding placement (e.g., up and down), using the senses, comparing, and classifying. Includes an introductory tape, 15 lesson tapes, 250 Simple Multiple-Choice Answer Sheets (also available separately), a regular print teacher's handbook (also available separately), and eight plastic crayons. Recommended ages: 5 to 7 years.

Listen and Think AR:

1-08510-00.....Lower Price! $65.00

AR Level Print Teacher's Handbook and Supplement only:

7-70050-00.....Lower Price! $12.00

Simple Multiple-Choice Answer Sheets only: (pack of 50): **1-03680-00.....$5.75**

Listen and Think Levels B and C:

Advanced levels introduce such concepts as identifying main ideas, recognizing sequence, summarizing, classifying, outlining, and comparing. Each level includes:

- An introductory tape and 15 lesson tapes
- 250 each of braille and large type Multiple-Choice, Multipurpose Answer Sheets (also available separately)
- 50 each of braille and large type Progress Charts (also available separately)
- 48 plastic crayons and 300 marking pins
- A regular print teacher's handbook

Level B: (Recommended ages: 7 to 8 years)

1-03890-00.....$119.00

Level C: (Recommended ages: 8 to 9 years)

1-03910-00.....$119.00

Listen and Think, Print Teacher's Handbooks only:

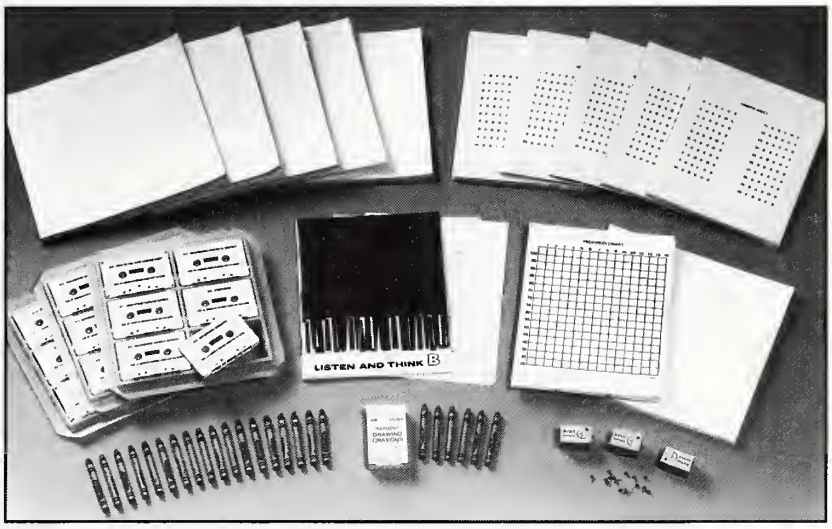
Level B: 7-70060-00.....Lower Price! $12.00

Level C: 7-70070-00.....Lower Price! $12.00

Multiple-Choice, Multipurpose Answer Sheets only (50 per package):

Braille: 1-04051-00.....$5.50

Large Type: 1-04072-00.....$5.50



Progress Charts only (50 per package):

Braille: 1-04050-00.....$5.50

Large Type: 1-04073-00.....$6.50

Listen and Think Cassette Replacements:

AR Level Cassettes (16): **C-99960-00.....$19.00**

Level B Cassettes (16): **C-99890-00.....$19.00**

Level C Cassettes (16): **C-99910-00.....$19.00**

The *Concise Heritage Dictionary, Recorded Edition* contains 55,000 word spellings and definitions.

Concise Heritage Dictionary, Recorded Edition

Based on the *American Heritage Dictionary of the English Language©, 1976 Edition,* this 55-cassette dictionary contains 55,000 word entries with spellings and definitions. Words are periodically voice-indexed and all words are tone-indexed.

The *Concise Heritage Dictionary, Recorded Edition* is stored in five compact vinyl binders. Both the binders and cassettes are labeled in braille and large type. Cassettes are recorded on four tracks at 15/16 inches per second (ips) and can be used with APH's 4-track cassette players, or the National Library Service (NLS) tape players. Instructions are provided on tape.

Recommended ages: 12 years and older.
C-10800-00....New Lower Price! $85.00

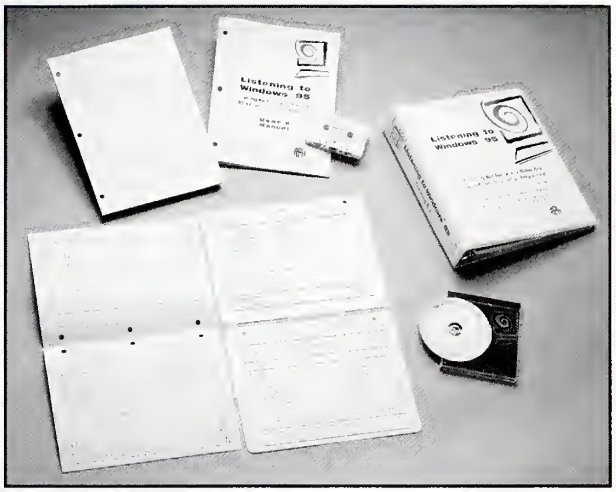
Other items related to recorded materials appearing in this catalog:

- Americans with Disabilities Act, Cassette Edition—see Business Products and the ADA
- See Cassette Recorders and Accessories
- ColorTest manual on cassette—see Technology Products
- Light Box Materials *Activity Guides* on Cassette—see Low Vision Products
- *Listening to Windows® 95* manual on cassette—see Computer Products
- *On the Way to Literacy* cassette handbook—see Featured Product section in center of catalog
- Recognizing Landforms—see Geography
- Transition Tote System Information Supplement on cassette—see Transition
- Typewriting for Blind Students—see Keyboarding Skills

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

NEW

Listening to Windows® 95: Training Kit for Users Who Are Visually Impaired



TECSO, Inc. (Technology and Society) of Montreal and APH have developed this innovative training kit to help blind and visually impaired users learn *Windows®!* Learn basics plus more advanced techniques with the first interactive CD-ROM-based tutorial for *Windows.*

This auditory tutorial helps you learn main system and application features by means of keyboard navigation. Seven units presented on the CD-ROM cover *Windows* basics, including:

- Introduction • Desktop Features • Explorer • WordPad • Help • Control Panel • Internet Overview

The lessons provide instruction, hands on practice, and short quizzes. These practice exercises are not simulated, so full access to *Windows* is available at any time, encouraging you to explore the *Windows* environment. The CD-ROM contains high quality audio, produced by APH's professional narrators, that plays through your computer's sound card and speakers.

Recommendations to Run: A basic Pentium® multimedia computer running *Windows 95* or *Windows 98* is recommended.

Included with *Listening to Windows 95:*

✓ Software tutorial on CD-ROM (Intel® English format).

✓ Manual in large print, braille, cassette, and electronic formats.

✓ Tactile Guide in braille and large print that contains fourteen simplified screen layouts.

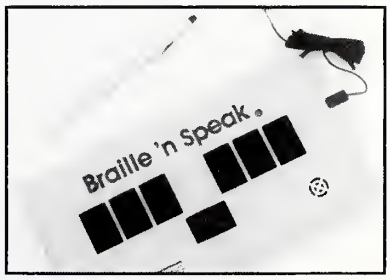
✓ 3-ring storage binder with CD-ROM and cassette holders.

Recommended ages: 11 years to adult.

***Listening to Windows® 95:* D-64550-00.....$150.00**

Quantity discount available! See "How to Order" in center.

Braille 'n Speak® 2000



APH proudly offers the Braille 'n Speak 2000 from Blazie Engineering. This unique computerized notetaker offers a wealth of features, a few of which are:

• Braille-type keyboard input, speech output • advanced word processor • talking clock, calendar, telephone directory, scientific calculator, and stopwatch • Grade 2 Braille back translator for print output • serial port for connecting to external hardware • large data storage ability: 768K of RAM, 2MB flash ROM • quick-charge 25 hour batteries • includes numerous accessories • measures only 8 x 5 x 1 1/4 inches, weighs about 1 lb.

Braille 'n Speak® 2000: 1-07310-00.....$1,350.00 *NOT AVAILABLE ON QUOTA*

Keyboard skills open the door to a world of knowledge and communication!

PC Typer (*MS-DOS* Compatible)

PC Typer is an interesting and motivating way to help visually impaired students become confident, competent computer keyboard operators on an IBM® or compatible computer running *MS-DOS*®. It reinforces mastery of the main characters on the PC keyboard through:

- **Keyboard Drills**—prepared fingering drills to increase speed and accuracy
- **Hurry Scurry**—game for additional keyboarding practice
- **Open Typing**—blank screen for timed typing
- **Learn the Keyboard**—announces keys pressed to help students learn the key locations

The Teacher program allows you to:

- Customize the program through numerous options (student record maintenance, lesson lists, motivational features, and more)
- Edit the lessons and drills on the disk or create your own
- Review, print, or delete student records

***PC Typer* (complete version):** comprised of one 3 1/2 inch Teacher Disk; one 3 1/2 inch Student Disk; and the Teacher's Manual in large type, on 15/16 ips cassette, and on disk.
D-57000-00....Lower Price! $47.00

***PC Typer:* 3 1/2 Inch Lab Pack** contains five 3 1/2 inch Student Disks.
D-57001-00...Lower Price! $28.00

Recommended ages: *PC Typer* can be customized for any age. Lessons on the disk are appropriate for learners with a developmental age of 10 years or above.

Requirements to Run: 250K of free memory to run the teacher or student programs separately; 500K to run the student program from within the teacher program (a useful but not essential feature).

PC Typer *is designed for speech output; most commercially available speech synthesizers and screen access programs will work with it. Likewise, most large type access programs will work if set to follow the program's cursor. APH's Speaqualizer speech access system (discontinued) will* ***not*** *operate with* PC Typer.

Coming Soon from APH:

Exciting new multi-media educational software!

Packaged on CD-ROM, these Windows® programs will be self-voicing and many will feature APH's award-winning narrators!

Download the FREE PC Typer Demo or request a free disk!

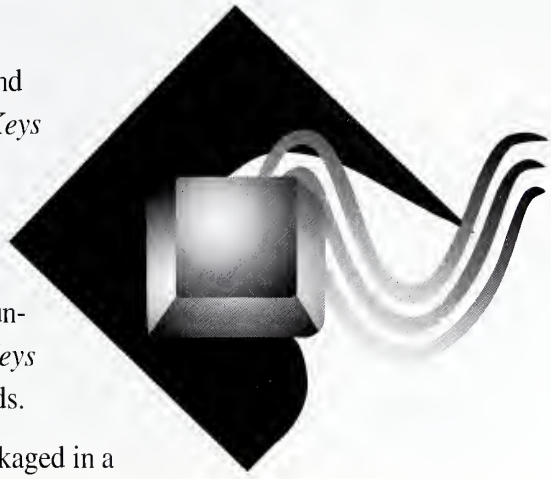
- **Download:** ftp://ftp.iglou.com/members/aph/typedemo.exe
- **Free 3 1/2 inch floppy disk:** call 1-800-223-1839

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Coming Soon

Learn Keys: Verbal Keyboard Feedback

This PC keyboard exploration and announcement program gives you high-quality digitized human speech feedback about keys you type. It works with several versions of *Windows*® and with a variety of keyboards. *Learn Keys* uses your computer's sound card and speakers, so no specific adaptive equipment is required.



In full-screen mode, *Learn Keys* speaks any single key you press and displays the key name on the screen. In background mode, *Learn Keys* provides keyboard feedback while any other *Windows* program is open. In background mode, your programs work normally with the added benefit of keyboard feedback.

Learn Keys settings include a male or female voice, speed of pronunciation, type of pronunciation, and font size on the screen. *Learn Keys* works with standard, enhanced, ergonomic, and notebook keyboards.

Included with *Learn Keys:* *Learn Keys* comes on a CD-ROM packaged in a standard jewel case. Documentation is provided on the CD, with quickstart information provided in braille and large type. *Learn Keys* also provides convenient on-line Help.

Requirements to Run: *Learn Keys* is designed for *Windows 95* or later, including *Windows 98, Windows NT 4.0,* and *Windows 2000 Professional.* A minimum system includes an 80486 processor, CD-ROM drive, and sound card with speakers.

Learn Keys: Verbal Keyboard Feedback: **D-03410-00.....$10.00**

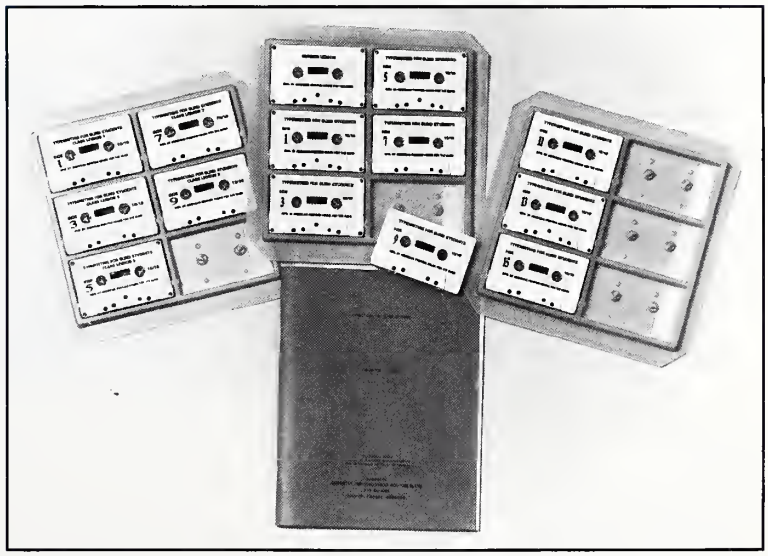
Note: Learn Keys *is not a screen reader—it speaks keystrokes.*

Typewriting for Blind Students

Cassette tape instructional program is designed to help teach the typewriter keyboard and to develop typing speed and accuracy. It contains two sets of progressive lessons: one for classroom instruction and one for use by individual students as they work at their own rate. All cassettes are recorded at 15/16 inches per second. Recommended ages: 7 years and older.

Teacher Kit: Includes a teacher's manual, five cassettes containing 10 lessons for keyboard instruction, and nine cassettes containing skill-building lessons for individual work.
1-08880-00.....$29.00

Student Kit: Includes nine cassettes containing all the skill-building lessons for individual work.
1-08970-00.....Lower Price! $15.00



We have products for organizing "your stuff" at work, school, or home.

Note: The Carry-All you receive may be black rather than the tan pictured here.

Materials Carry-All

Sturdy container for storing and transporting materials of all types. Contains 1 3/4 cubic feet of storage space with detachable lid, wrap around straps, and carrying handle. Made of tough plastic.

Unit measures 10 5/8 x 24 x 14 1/4 inches and weighs less than 4 pounds.

Materials Carry-All: 1-02590-00.....$44.00

Parts Tray for Materials Carry-All: Optional 5-inch deep tray fits snugly into the top portion of the Carry-All. **1-02591-00.....Lower Price! $12.00**

Work-Play Trays

Durable trays will hold objects which might otherwise roll or be knocked out of reach; they can provide enclosed work space for various tasks, such as:

- sorting
- matching
- classifying
- counting.

Choose from two sizes and colors:

Small Work-Play Tray (17 x 11 3/4 inches):

Gray: 1-03750-00.....Lower Price! $15.00

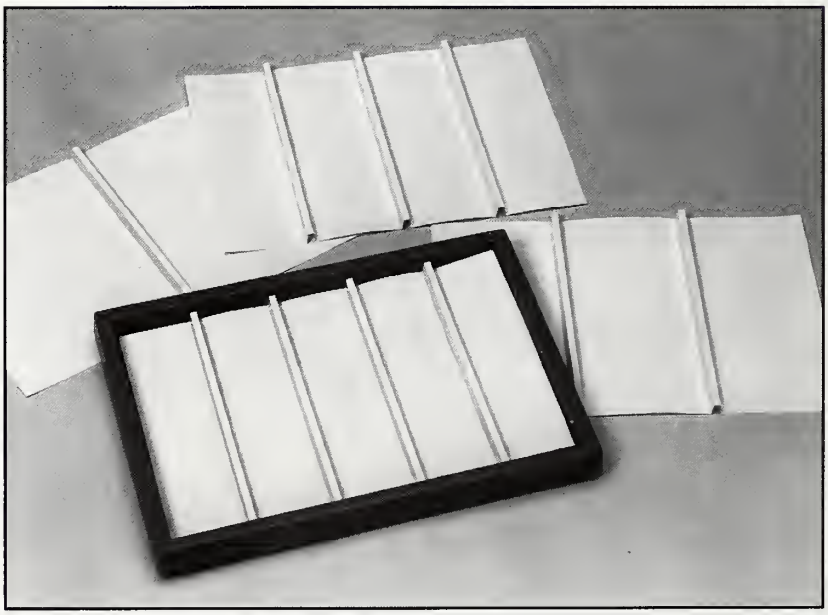
Yellow: 1-03660-00....Lower Price! $15.00

Dividers for Small Work-Play Tray (pack of four dividers): interchange them to divide the work area into two, three, four, or five parts.
1-03770-00.....$22.00

Large Work-Play Tray (21 1/4 x 13 1/4 inches):

Gray: 1-03760-00.....$18.00

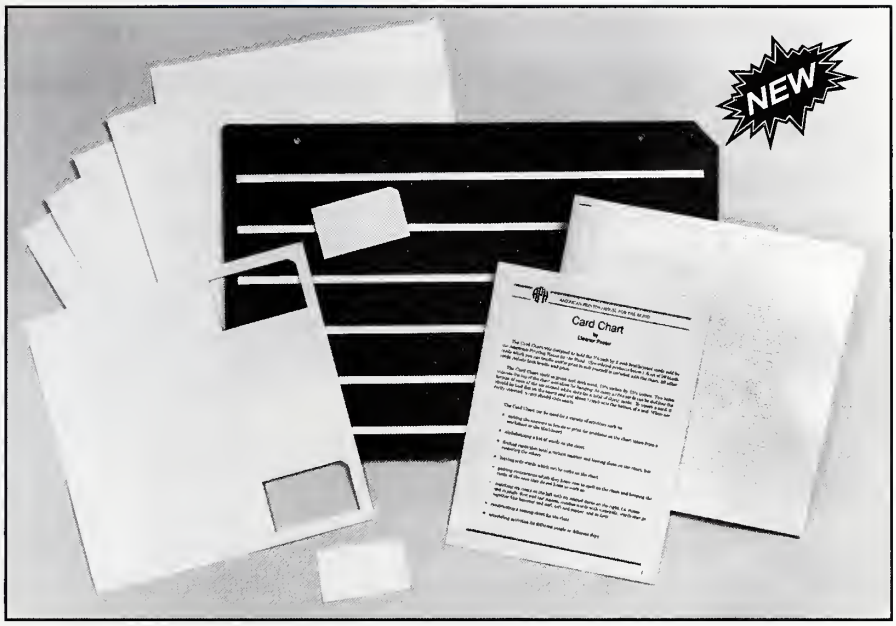
Yellow: 1-03740-00.....$18.00



Small Work-Play trays and dividers (sold separately).

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Card Chart Kit



This handy device was designed to hold the 3 1/2 x 2 inch braille/print cards sold by APH in a variety of products, such as the Expanded Dolch Word Cards.

The Card Chart is a board measuring 19 1/2 x 12 1/4 inches. It has holes in the top for hanging and an upper right-hand corner cut for orientation. As many as five cards can be inserted into each of six slots for a total of thirty cards. The slots are white against a green background for high contrast. A set of 90 blank cards that you can braille and/or print yourself is included.

The Card Chart can be used for such activities as: • alphabetizing a list of words • leaving only words that can be verbs on the chart • matching six items on the left with six items on the right (such as states and capitals) • finding cards that total a certain number and removing all other cards from the chart • scheduling activities. Recommended Ages: All ages.

Card Chart Kit (including blank cards): **1-03550-00.....$9.95**

Additional Blank Cards: 1-03540-00.....$2.50

Other Cards That Can Be Used with the Card Chart:

Expanded Dolch Word Cards: 1-03560-00....$12.00 • **Grade 2 Braille Cards: 1-03561-00....$8.50**

Math Drill Cards:

Number & Math Sign Cards: 1-03551-00..$5.00 • **Addition Cards: 1-03552-00.....$5.00**

Subtraction Cards: 1-03553-00.....$5.00 • **Multiplication Cards: 1-03554-00.....$5.00**

Division Cards: 1-03555-00.....$5.00

Other organizational products in this catalog:

- Cassette Containers—see Cassette Recorders & Accessories
- MasterPlan Calendar—see Calendars
- Notebooks and Binders—see Writing Supplies: Braille and Writing Supplies: Bold Print
- Recorder Carrying Cases—see Cassette Recorders & Accessories
- SlateHolder—see Writing Equipment: Slates
- Sorting and Assembly Tray—see Prevocational Products
- Transition Tote System—see Transition

NEW

Transition Tote System: "Navigating the Rapids of Life"

Designed to assist high school age students who are visually impaired or blind as they explore and prepare for the world of work. This kit is also useful for some middle school students and some adults. Basic principles underlying the System include organizational skills, social and self-advocacy skills, and personal responsibility.

This System is packaged as a Student Kit, with a separate Information Supplement for teachers.

- Transition Tote Student Kit—The Student Kit is available in three versions, with a Student Manual in either large type, braille, or on cassette tape. (The cassette tape contains the complete Student Manual. In addition, the cassette manual comes with booklets in large type and in braille that contain excerpts from the Student Manual.)

All versions of the Student Kit include:

1). **Student Manual:** a series of 30 lessons covering such vital transition topics as organizational skills, self-awareness, work exploration, job-seeking skills, and job-keeping skills. An extensive resource section is included.

2). **Tote Case:** a soft-sided nylon carrying case measuring 16 x 14 x 5 inches. Designed to accommodate assistive technology and other specialized equipment, as well as books, folders, supplies, etc. Includes a clipboard and an APH print/braille calendar.

3). **3 1/2 Inch Disk,** PC-formatted, offering forms and checklists from the Student Manual.

Item Separate from the Student Kit

- **Information Supplement**—This document is for use by teachers and other facilitators in support of the student's transition activities. It includes adaptations to the lessons for students who need additional structure, as well as information on a number of topics related to transition.

Recommended ages: 12 years to adult.

Transition Tote System:

Student Kit, Large Type Version: 1-08200-00.....$70.00

Student Kit, Braille Version: 1-08203-00.....$70.00

Student Kit, Cassette Tape Version: 1-08201-00.....$70.00

Items That Must Be Ordered Separately:

Information Supplement, Regular Print Version: 7-08200-00.....$31.00

Information Supplement, Braille Version: 5-08200-00.....$50.00

Replacement Item:

Replacement Tote Case (without clipboard or calendar): **1-08202-00.....$50.00**

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Navigating the Rapids of Life Video and Booklet

This video is a complementary product to APH's Transition Tote System. It provides a wealth of information on employment success for visually impaired youth.

The premise of the video is that transition to the workplace begins in early childhood with foundation skills that are developed at home, in school, and in the community. As children mature, they build upon early learning experiences and can apply their skills in volunteer and paid work situations.

Navigating details several key areas that children and youth with visual disabilities must address in order to be successful. These are: • Incidental Learning • Organizational Skills • Compensatory Skills • Social Skills • Opportunities to Work.

Highlights from the video are presented in an included print booklet. The booklet also includes a resource list and a list of organizations.

Navigating the Rapids of Life (VHS videotape and booklet): **1-30005-00.....$25.00**

Note: This video is closed captioned and video described.

NEW

Money Handling and Budgeting

Money Handling and Budgeting is a resource guide with an adapted practice checkbook that helps adolescents or young adults learn vital money handling skills. This guide is based on the premise that daily living skills must be learned in natural settings and with real-life applications whenever possible.

Money Handling addresses a variety of fundamental, interconnected skills, including:

- Coin and bill identification • Counting money and making change
- Budgeting • Basic employment strategies
- Banking skills (e.g., paying bills, acquiring loans, using savings accounts, etc.)
- Handling money in a number of simulated and actual daily living situations

Recommended ages: 11 years and up.

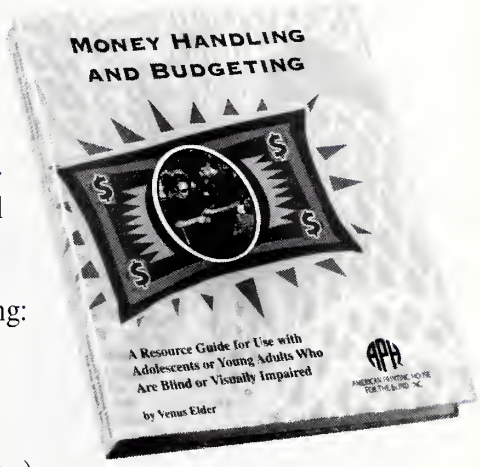
Money Handling and Budgeting:

Print Edition: 1-83080-00.....$28.00 • Braille Edition: 1-83081-00.....$28.00

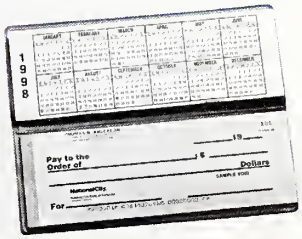
<u>To Reorder Consumable Items:</u>

Complete Adapted Practice Checkbook only: **1-03501-00.....Lower Price! $8.00**

Bound Practice Checks/Deposit Tickets only (pack of 5): **1-03502-00.....$14.50**



Money Handling: Print Edition (above). Adapted Practice Checkbook (below).



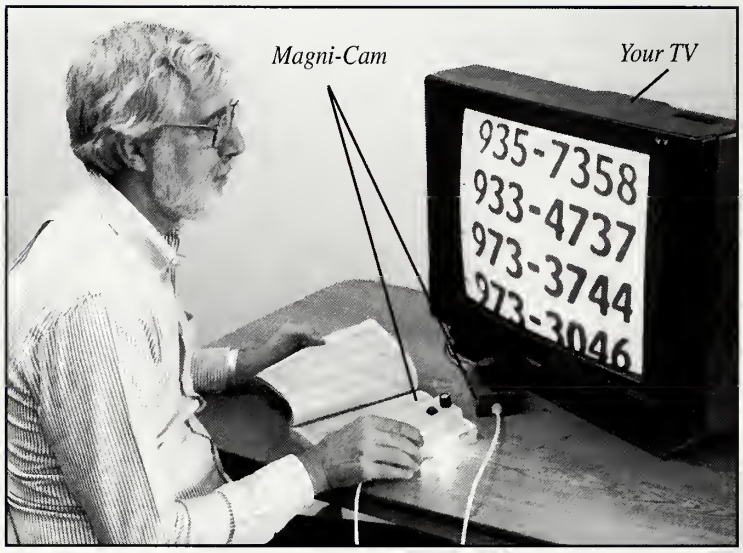
Many visually impaired people have some useful vision.

APH products can help you use your remaining vision to the fullest extent possible.

NEW

Magni-Cam™ Electronic Magnifier

NOT AVAILABLE ON FEDERAL QUOTA



Magni-Cam is an affordable electronic magnifier from Innoventions, Inc. ~ Two models are now available:

- One model displays color or enhanced color or black & white
- The other model displays black & white only

Magni-Cam is a light-weight, hand-held electronic magnifier that connects in minutes to any television set or computer monitor (commercially available adapter needed for computer use). *Magni-Cam provides a crisp, enlarged image of virtually anything that can be placed under its camera lens!*

Features of Magni-Cam

- **Lightweight camera/controller** weighs only 7 ounces and is about the same size computer mouse.
- **Built-in lifetime lamps.**
- **Variable magnification with autofocus:** No focusing or lens adjustments needed!
- **Instant magnification adjustment** using included spacer blocks.
- **Write under the camera** using a special included spacer block.
- **Easy tracking across the page** using included tracking rollers.
- **Magnification range:** Maximum 2 times screen size to minimum 1/3 screen size. For example, a 27 inch TV lets you magnify from 9X to 54X.

Items Included with the Basic Magni-Cam Unit (black & white model or Triad color model)

✓ Camera/Controller with connecting cable and Video Processor Box

✓ Cable for connecting the video processor box to your TV or computer (commercially available adapter needed for computer use)

continued on next page

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Minimum parts for the basic Magni-Cam

- ✓ Power adapter that plugs into a 110 volt outlet (optional 220 volt power supply available for overseas use)
- ✓ Spacer blocks for instant magnification adjustment and writing under the camera
- ✓ Tracking rollers that facilitate tracking across a page
- ✓ Instructions in large type and on a videotape
- ✓ One year warranty for all parts and labor

Optional Accessories for Magni-Cam

- A tough nylon carrying case that holds the basic Magni-Cam parts.
- A table clamp for doing hands-free work under the camera.

Optional Portable Displays for Magni-Cam

Note: These portable displays will work with wall power or with a rechargeable battery pack, purchased separately.

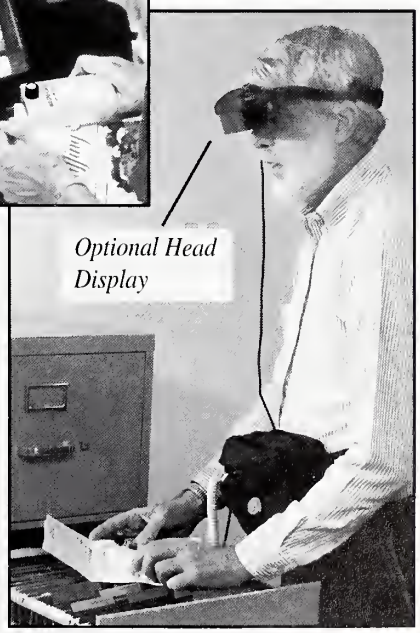
- The optional **Head Display** is lightweight and rests comfortably on your forehead. It places a black & white or color image directly in front of your eyes that is equivalent to a 20 inch TV viewed from a distance of 3 feet.
- The lightweight, **Flat-screen Display** measures 6 1/2 inches diagonally, and produces bright, high contrast black & white images or brilliant color images with a magnification of 5X to 25X at a 12 inch viewing distance.

Note: The basic Magni-Cam unit requires a video display ~ use with any TV, computer (commercial adaptor needed), or with an optional portable display. Call us about our trial period offer.

Magni-Cam Black & White Unit: 1-03920-00.....$695.00

Magni-Cam Triad Color Unit: 1-03928-00.....$995.00

Optional Flatscreen


Optional Head Display

Optional Items for Either Magni-Cam Unit:

Carrying Case for Basic Magni-Cam: 1-03921-00.....$10.00

Table Clamp: 1-03922-00.....$15.00

Optional Portable Systems for Either Magni-Cam Unit:

Head Display with Case: 1-03923-00.....$1,200.00

Flatscreen with Case: 1-03924-00.....$1,200.00

Battery Charger / Battery: 1-03925-00.....$600.00

Extra Battery: 1-03926-00.....$120.00

220 Volt Power Supply (for overseas): 1-03927-00.....$25.00

MAGNI-CAM ITEMS ARE NOT AVAILABLE ON FEDERAL QUOTA

Coming Soon

ISAVE

Individualized Systematic Assessment of Visual Efficiency

ISAVE is a functional vision assessment tool which has been developed for use with both sighted and visually impaired infants, the developmentally young, and other difficult-to-test and severely physically impaired learners.

ISAVE was authored by M. Beth Langley, M.A., a teacher of children with multiple disabilities and a parent of a child who is developmentally challenged. This kit of text, protocols, and materials has been specifically designed to help the user determine instructional entry level and programming strategies for facilitating functional application of even the slightest degree of visual functioning.

Target Population

ISAVE is intended primarily for use with infants, children and young adults with significant cognitive, neurological, physical, and sensory impairments who cannot respond reliably to standard measures of visual functioning. In addition, ISAVE has been used successfully to screen the vision of other "at risk" children.

Chapter Topics

• Introduction • Preparation for Conducting ISAVE • Ecological • Structural Integrity • Minimally Responsive • Alignment and Ocular Mobility • Acuity • Visual Fields • Cortical Visual Impairments • Visual Perceptual • Dive • Social Attention Gaze • ISAVE Baby Screen • ISAVE Vision Screen • ISAVE Summary Protocol • References

Components

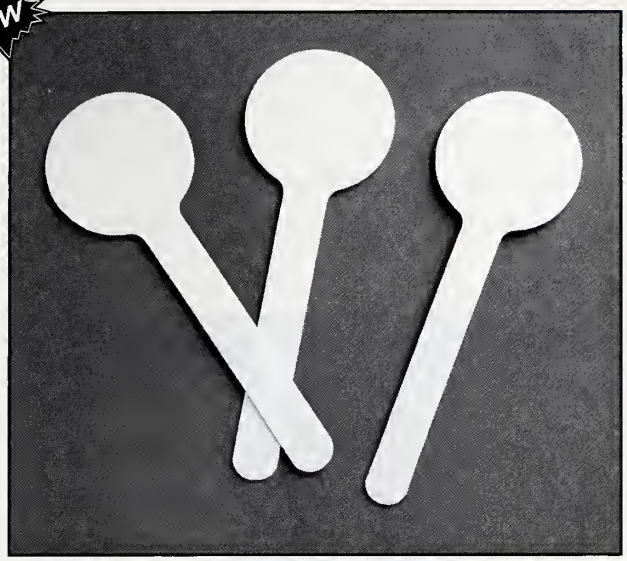
ISAVE consists of two volumes bound in sturdy 3-ring binders. The 16 chapters listed above are each provided in a separate booklet for easy handling. Also included are:

- ✓ Cassette tape edition of the text
- ✓ Visual discrimination cards for evaluating visual acuity and discrimination
- ✓ Card storage pages that fit in the binders
- ✓ A vinyl grid for evaluating visual fields
- ✓ Hook/loop board for easy display of the cards during evaluations
- ✓ Hook/loop strips for attaching the cards to the board
- ✓ A "lollipop" style occluder
- ✓ A handy tote bag for carrying all components

ISAVE: 7-96160-00.....$175.00

OccluderPop Pack only (3 occluders—see next page): 1-96160-00...$5.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!



OccluderPop Pack

Practitioners often need occluders to block the vision of one eye while testing the other. APH now has a very inexpensive occluder called the "OccluderPop" for its lollipop shape.

OccluderPops come in packages of three. They are lightweight, flexible, and completely safe for use with even very young children. OccluderPops may be used for visual acuity testing, visual tracking, and other visual training activities. One OccluderPop Pack is also included in the ISAVE kit.

OccluderPop Pack (3 occluders):
1-96160-00....$5.00

Coming Soon

MasterPlan Calendar 2000: A Low Vision Appointment Book and Calendar

MasterPlan Calendar 2000 provides teens and adults with a systematic and organized way of keeping track of appointments, dates, bills, holidays and other monthly, weekly, or daily events.

This low vision appointment book and calendar is an organizer in a 3-ring binder. It is for persons ages 12-112 who have low vision. Each large print page enumerates and holds space for four days of the month, with enough room to write notes and appointment times.

The months are divided by tabbed cover pages that outline in large print the holidays and special events during each month. Additionally, a colorful folder which can hold invoices and receipts is included.

MasterPlan Calendar 2000 is sold two ways:

- Insert pages in a sturdy 3-ring binder featuring an attractive full-color cover image of a butterfly
- Insert pages only without the binder (these pages will fit any standard 3-ring binder)

MasterPlan Calendar 2000 (with binder): **1-07900-00...$23.75**

MasterPlan Calendar 2000 (inserts only, no binder): **1-07901-00.....$19.75**

Materials on Utilization of Low Vision (ULV)—Diagnostic Kit

A diagnostic kit designed to determine if a student's residual vision is being fully utilized. The ULV materials consist of two kits purchased separately. Recommended ages: 5 years and older.

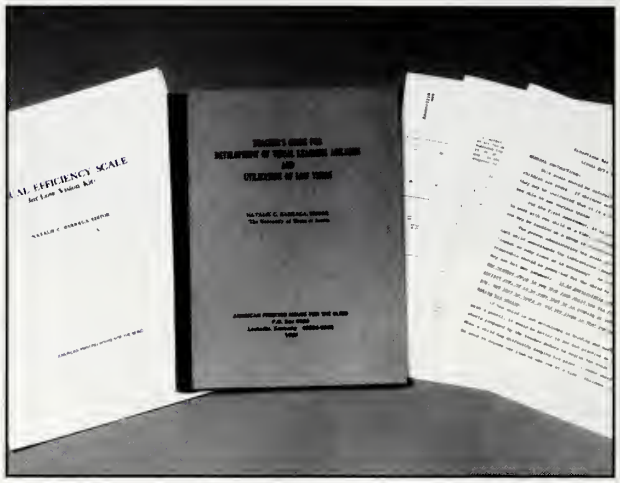
Teacher's Kit includes:

- ✓ A Teacher's Guide
- ✓ Visual Efficiency Scale and Directions for Administering
- ✓ Profile of Visual Skills and Behavior
- ✓ Record of Performance of Visual Efficiency Scale

Visual Efficiency Scale Kit includes Directions for Administration of Visual Efficiency Scale, ten Visual Efficiency Scales, ten Profiles of Visual Skills and Behavior, and ten Records of Performance of Visual Efficiency Scales.

Materials on Utilization of Low Vision (ULV) Teacher's Kit:
8-50600-00....New Lower Price! $16.50

Materials on Utilization of Low Vision (ULV) Visual Efficiency Scale Kit:
8-50590-00....New Lower Price! $16.50



Program to Develop Efficiency in Visual Functioning

Helps train students to use their vision more efficiently. Two interrelated kits, packaged separately in rugged plastic carrying cases, make up this program:

The **Diagnostic Assessment Procedure Kit** identifies specific training needs, while the **Design for Instruction Kit** contains lessons for vision training. Recommended ages: 3 years and older.

Program to Develop Efficiency in Visual Functioning (both kits): **1-08530-00.....560.00**

Quantity discount available! See "How to Order" in center.

Items available separately:

NEW

Addendum (includes the revised *Source Book on Low Vision;* the new *Volume III, Design for Instruction for Learners with Developmental Delays;* and 55 new lesson cards): **8-16030-00.....37.00**

Volume I, Diagnostic Assessment Procedure only: **8-16040-00.....$10.00**

Volume II, Design for Instruction only: **8-16070-00.....$6.00**

Low Vision Observation Checklists & Diagnostic Assessment Procedure Record Booklets (10 of each): **8-16050-00.....$28.50**

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Bright Sights: Learning to See

Special program designed to stimulate residual vision and develop visual efficiency in young children. Consists of a set of materials divided into two levels: Sensory and Perceptual (available as a complete kit or separately).

The Sensory Level is a set of fluorescent materials designed to stimulate a child's initial visual interest and to help him or her develop visual identification skills. The Perceptual Level goes on to help the child develop visual perception and discrimination.

Bright Sights comes with 23 fluorescent items and sets of items including:

- ✓ A unique multicolored quilt
- ✓ High-contrast form boards
- ✓ A pegboard with multicolored pegs
- ✓ Brightly colored blocks, balls, toys, etc.

Teacher's guidebook comes in regular print. Packed in two durable plastic trunks. Recommended ages: birth to 3 years.

Bright Sights, Complete Kit: 1-08130-00..$464.50

Warning: UV and blue light filters should always be worn by both practitioner and child if black light is used with Bright Sights—see UltraLens in next section.

Note: The Flicker Light previously included with this kit has been discontinued.

Items available separately:

Sensory Level only: 1-08140-00.....$190.00

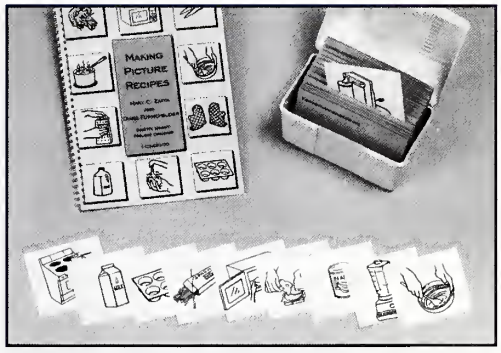
Perceptual Level only (without manual): **1-08150-01.....$299.00**

Perceptual Level only (with manual): **1-08150-00.....$312.50**

Teacher's guidebook only: 7-17710-00.....$13.25

Bright Sights Sensory Level (above) and Perceptual Level (left).

Making Picture Recipes



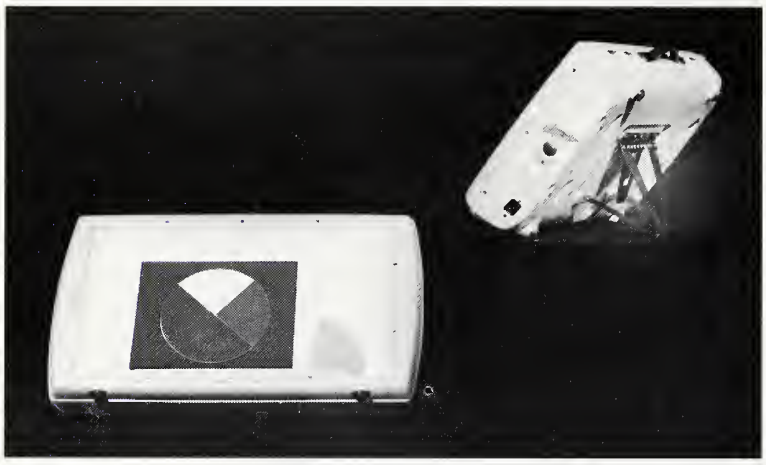
Created to provide cooking instruction for low vision nonreaders and beginning readers. Includes 257 bold-line, simplified illustrations of common foods and ingredients, cooking equipment, and cooking processes on 3 1/2 x 4 inch cards. These master cards can be combined and photocopied to depict multi-step recipes; the photocopies can be colored and customized to correspond to actual products students will be using during food preparation.

Includes a handy master picture card storage box with index tabs and an instruction manual with easy, how-to directions. Recommended for functional ages 5 years and up.

Making Picture Recipes Kit: 1-03450-00...Lower Price! $25.00 • Manual only: 7-03450-00....$11.50

Light Boxes

Help students achieve efficiency in visual functioning with the Light Box and Mini-Lite Box! When they are used with unique sets of materials designed by APH, these light boxes stimulate awareness of light, color, and objects and assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.



Light Box ▲

Includes a lighted translucent white Plexiglas® work surface, providing an even, high contrast background for opaque materials and a source of illumination for colored transparent items. A dimming control permits adjustment of the level of illumination to meet the needs of individual students and to assist them in transferring skills to a normally lit environment.

The Light Box can be used as a light table or tilted at any one of three angles. Nonslip rubber feet are provided for upright placement. Built-in plastic retainer clips hold overlays in position. Cool, efficient, fluorescent light source provides long life and is housed in a tough plastic body measuring 25 x 15 x 5 inches. Includes cover.

Recommended for all ages.

Light Box: 1-08660-00.....$328.50

Quantity discount available! See "How to Order" in center.

Mini-Lite Box

This cousin to APH's Light Box has a number of special features to help train low vision students to use their residual vision. The Mini-Lite Box is:

- Smaller and lighter than the original Light Box
- Usable at a student's desk or on his/her lap
- Designed to operate on rechargeable batteries

The Mini-Lite provides many of the features of the original Light Box, including a dimming control and a prop for different positioning angles. Operates for 3-4 hours on included rechargeable batteries or can be plugged into an outlet with the included AC adapter. Has a low battery audio signal. Its illuminated work surface measures 12 1/2 x 9 1/2 inches. Ledges along the upper and lower edges of the work surface hold overlays in place. Includes an 11- position push-and-click combination handle and stand.

- Mini-Lite measures 16 x 12 3/4 x 2 1/2 inches
- Weight: 6 lbs.

Mini-Lite Box: 1-08661-00.....$160.00

Quantity discount available! See "How to Order" in center.

Mini-Lite Carrying Case (inset) is made of tough nylon and has roomy pockets to hold overlays and other materials. Sold separately. **1-08668-00...$25.00**

Replacement AC Adapter: 1-08661-05....$8.50

Mini-Lite Transparent Overlays (not pictured) includes one clear overlay, four colored overlays, and a sheet of clear, flexible, plastic. **1-08662-00.....$9.95**

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Light Box Materials: Level I

First of three sets of teaching materials designed for use with APH's Light Box (most items can also be used on the Mini-Lite Box). These materials help to teach basic visual skills, eye-hand coordination, and simple matching skills. Kit includes:

- ✓ Bright colored, solid, and patterned **overlays** designed to stimulate awareness of light, patterns, and objects
- ✓ A **spinner** with two different patterns that encourages localization and invites reaching
- ✓ A variety of transparent and translucent **colored materials and opaque items** that allow for practice in eye-hand coordination and matching
- ✓ **Suction-cup handles** that provide for easier manipulation of small pieces
- ✓ An **instructional guidebook** with over 90 activities for low vision development
- ✓ A materials **carrying bag**

Recommended ages: birth to 4 years.

Light Box Materials: Level I:

1-08670-00.....New Lower Price! $355.00

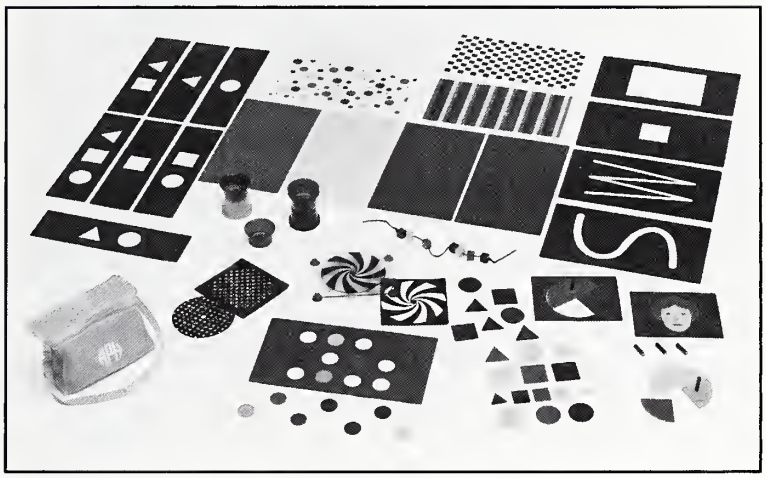
Quantity discount available! See "How to Order" in center.

***Activity Guide for Level I* only:**

Print Edition: 7-70010-00....$14.50

Cassette Edition:

C-70010-00.....Lower Price! $5.00



Light Box Materials: Level II

Helps in teaching matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills. It uses concrete objects, pictured objects, stencils, and cutouts (most items can also be used on the Mini-Lite Box). Set contains:

- ✓ **Instructional guide** with over 100 activities
- ✓ Over **400 easily-manipulated items,** including brightly-colored transparent and translucent shapes
- ✓ Set of **worksheets**
- ✓ One **blackout background** sheet and one clear vinyl nonslip work surface sheet
- ✓ Materials **carrying bag**

Recommended ages: 3 to 5 years.

Light Box Materials: Level II:

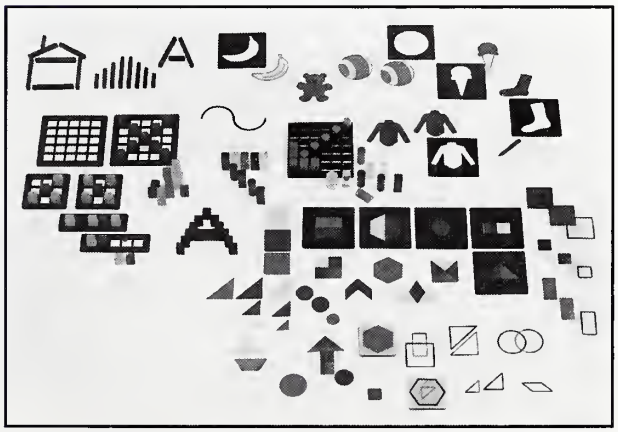
1-08680-00.....New Lower Price! $455.00

Quantity discount available! See "How to Order" in center.

***Activity Guide for Level II* only:**

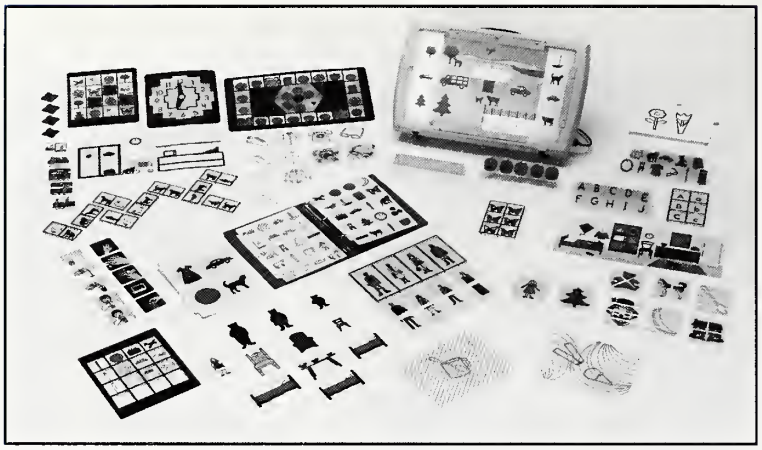
Print Edition: 7-70020-00.....$22.00

Cassette Ed.: C-70020-00...Lower Price! $5.00



Light Box Materials: Level III

Created to help visually impaired students develop the following skills: prewriting and handwriting, matching and sorting, recognition and identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships (most items can be used with the Mini-Lite Box).



Level III materials include:

- ✓ Over **400 items,** including dozens of picture and letter cards
- ✓ Five types of **game trays**
- ✓ One **blackout background** sheet and one clear vinyl nonslip work surface sheet
- ✓ Instructional **guidebook** with over 100 activities
- ✓ Materials **carrying bag**

Recommended ages: 4 to 6 years.

Light Box Materials: Level III:
1-08690-00.....$740.00
Quantity discount available! See "How to Order" in center.

***Activity Guide for Level III* only:**
Print Ed.: 7-70030-00....Lower Price! $12.50
Cassette Ed.: C-70030-00...Lower Price! $7.00

Light Box sold separately.

For Use with Both the Mini-Lite Box and the Light Box:

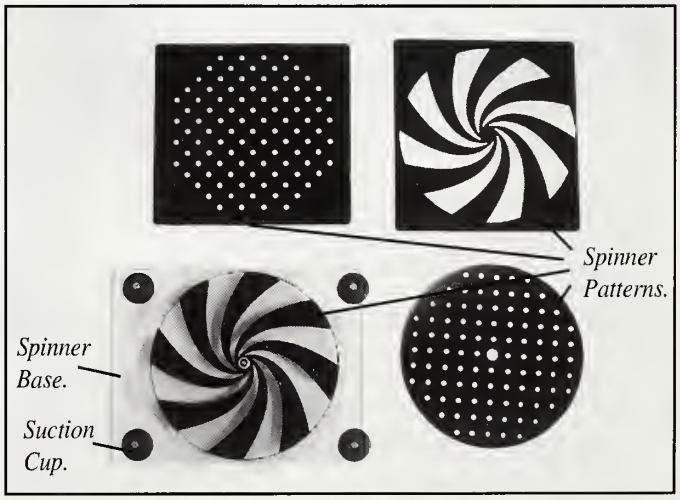
Light Box Materials from Levels I and II for Separate Purchase

The following items have been selected from Light Box Materials Levels I and II and can be used with the Mini-Lite Box and Light Box. In addition, we are offering Transparent Overlays that are for use with the Mini-Lite Box only (see page 54). Sheets of activities grouped by skill accompany each item.

Plexiglas® Spinner and Spinner Patterns

Spinner, made of clear Plexiglas, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. The spinner face measures 8 1/4 inches in diameter; suction cup feet hold the spinner base in place.

1-08664-00.....$54.00



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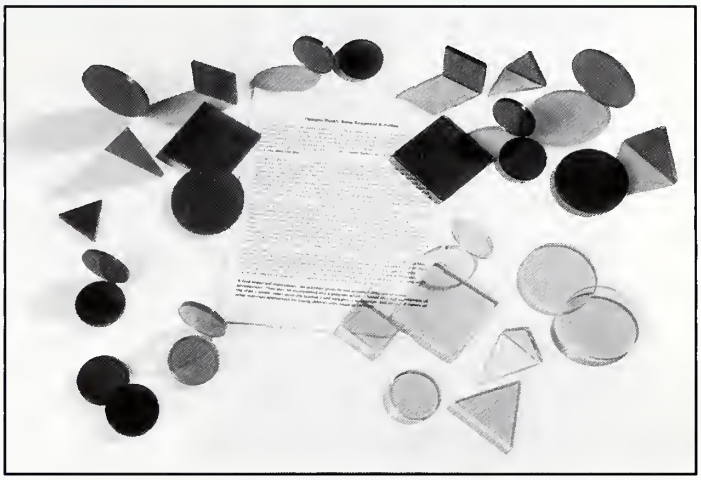
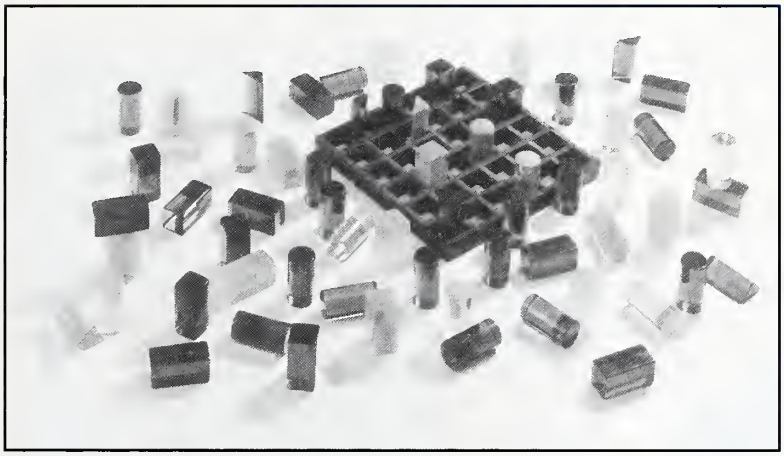
Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Plexiglas® Blocks

Colored transparent and translucent geometric shapes in two sizes may be used to create visual displays for attracting visual attention; for encouraging visually directed reaching; for matching by shape, size, and color; and for introducing spatial relationships between objects. Thirty pieces are provided in six colors and three shapes: circle, triangle, and square.

1-08663-00.....New Lower Price! $26.00





Pegs and Pegboard

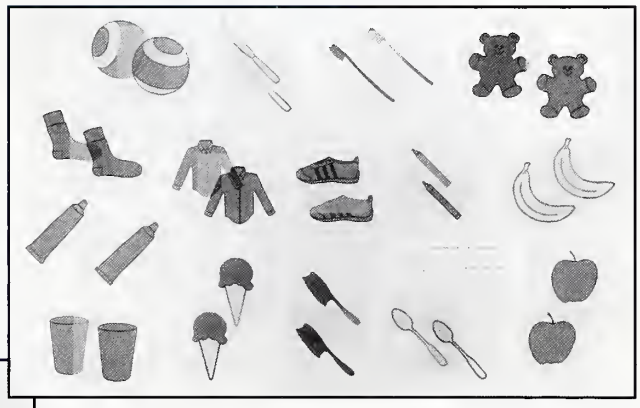
Colored translucent pegs are provided in three shapes and five colors (total of 64) for use in or out of the pegboard. Includes a 6 x 6 plastic grid which accommodates 36 pegs. Pegs and pegboard foster eye–hand coordination, awareness of spatial relationships, and matching and sequencing skills.

1-08665-00....Lower Price! $65.00

Familiar Object Pictures

Colored translucent pictures of 15 common household objects are provided in pairs (total of 30 pictures) for matching and identification. Pictures are silk-screened on clear plastic stock. Cards measure 6 x 6 inches.

1-08666-00...Lower Price! $28.00



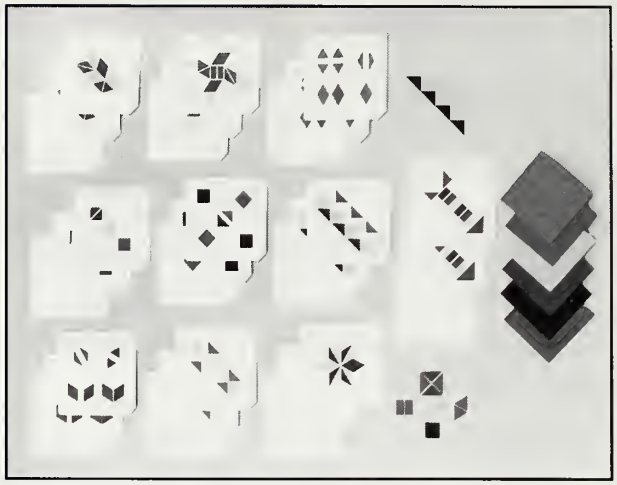
Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes may be used for identification and matching by shape, color, and size. Thirty cards are provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear plastic stock. Cards measure 4 x 4 inches. **1-08667-00.....$18.00**

Seated Parquetry Set

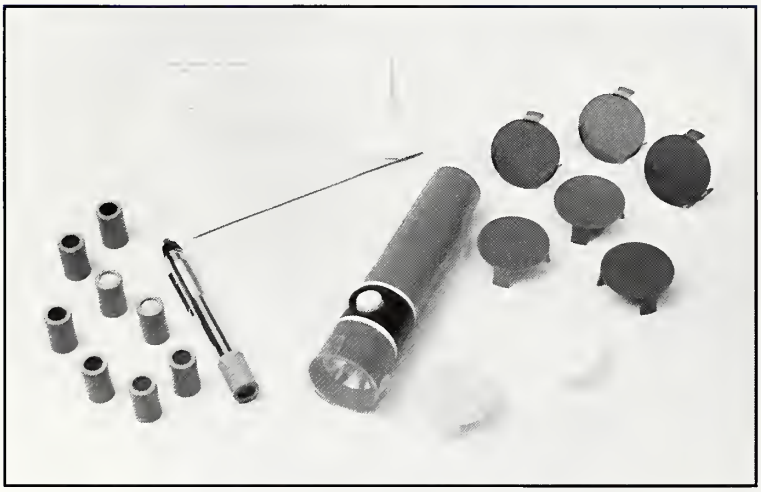
Stimulates residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that enable the work surface to be raised to the eye while holding the parquetry pieces in place. Includes:

- ✓ Ten color-coded form boards measuring 8 x 8 inches for basic matching tasks
- ✓ Ten unmarked form boards measuring 8 x 8 inches for advanced concept development
- ✓ Ten color-coded stimulus cards measuring 8 x 8 inches



This set contains over 100 nontoxic, nonbreakable, washable parquetry pieces in six colors and shapes. Recommended ages: 3 years and older.

Seated Parquetry Set: 1-03650-00.....$72.50



Batteries are not included with the Penlight/ Flashlight.

Penlight with Color Caps and Flashlight with Color Discs

Designed to help students develop visual awareness and visual tracking skills, this kit can be used in a wide range of instruction. Includes:

- ✓ One penlight and one flashlight
- ✓ Five translucent and four transparent color lenses for each light source
- ✓ Activity cards that give instructions on teaching students who are functioning from a nonresponsive level up to those who are functioning at primary grade levels

Recommended ages: all ages.

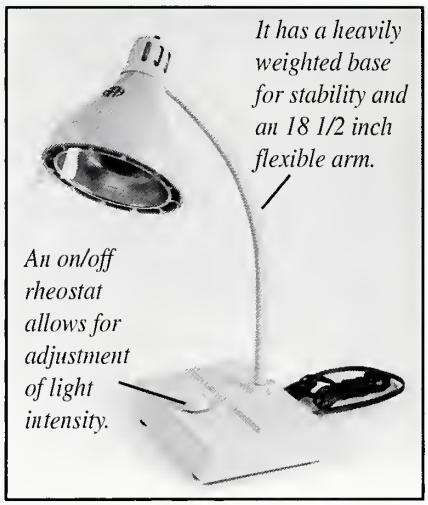
1-08390-00.....$35.50

Other low vision assessment, stimulation, and training products in this catalog:

- Sensory Stimulation Kit—Visual Kit—see Early Childhood
- *Parent Early Childhood Education Series*—see Early Childhood

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Variable Intensity Study Lamp



Low vision students and adults can get the exact lighting they need to illuminate their work with this special lamp. Has a 9-foot power cord for reaching classroom desks. It is recommended that a 60-watt bulb be used (not included). Weight: 16 lbs.

Recommended ages: all ages.

1-08940-00.....$128.00

Quantity discount available! See "How to Order" in center.

Individual Study Screen (ISS)

Screen allows low vision students to view films, slides. and film strips close up.

A rear-projection technique is used to enable one student to get as close to the screen as he or she requires for viewing. Constructed of tough plastic, the ISS measures 13 x 10 1/2 inches, with a 6 inch wide base. Image is projected on a frosted plastic insert. Recommended ages: 6 years and older.

1-03300-00.....New Lower Price! $17.00

UltraLens

Protects the eyes against ultraviolet (UV) light and blue light. The UltraLens products are lenses which filter out these particular wavelengths. Black lights, which generate both UV and blue light, are sometimes used in vision development activities. The UltraLens screens out 100% of UV and blue light while still allowing the wearer to see the "glow" of materials as they fluoresce. A soft case is included with each UltraLens model.

Note: Filters like the UltraLens should always be worn by both the practitioner and the child during exposure.

UltraLens Infant with Headstrap: 1-08177-00.....$TBA

UltraLens Jr. with Headstrap: 1-08176-00.....$TBA

UltraLens Jr. Clip-On (for the child who wears spectacles): **1-08178-00.....$TBA**

UltraLens Adult (can be worn alone, or over spectacles): **1-08175-00.....$TBA**

Coming Soon

The GrandStand: Portable Reading Easel

Introducing The GrandStand, a lightweight and portable reading stand. Made of a space-age material, The GrandStand is waterproof, colorful, durable, and inexpensive. The GrandStand is easy to lift and carry. It holds even the heaviest books and folds up when not in use.

What sets the GrandStand apart from other reading easels is its adjustable shelf which may be raised and lowered to accommodate the height of the reader. This product sports a carrying handle and comes with handy, removable clips for holding book pages open (clips not shown).

The GrandStand includes removable clips for holding book pages open (not shown).

Top surface measures 15 x 14 1/2. Weighs only 2 1/3 lbs. Recommended ages: 5 years and older.

1-03205-00.....$TBA

---

5 positioning angles.

Desk Top Reading Stand

Portable desk top stand will hold books, magazines, and other reading material at a proper position for low vision readers. Handsome finished wooden stand has:

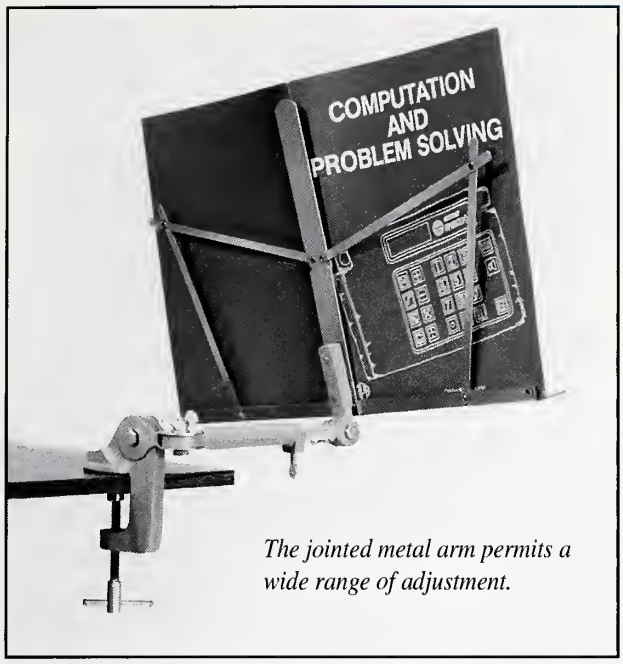
- A book shelf that can be moved to the left or right hand position
- Adjustable page clamps
- Built-in carrying handle

Top surface measures 23 3/4 x 18 inches. Weighs 9 1/8 lbs.

Recommended ages: 5 years and older.

1-03220-00.....$97.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!



The jointed metal arm permits a wide range of adjustment.

Gore Reading Stand

Fastens to most table top surfaces by means of a clamp. Easily disassembled for compact storage and carrying. Book rack portion of stand measures 16 1/4 x 10 1/2 inches.

Recommended ages: 6 years and older.
1-03210-00.....$115.00

Shafer Reading Stand

Adjustable, self-supporting stand holds books, magazines, and other large type publications.

The base of this stand is a sturdy tripod with 13-inch legs. A shaft, measuring 42 inches, comes up out of the tripod base. A 4-joint, adjustable swivel arm is attached to the shaft. The book rack portion of the stand is connected to the swivel arm and measures 16 x 11 1/2 inches.

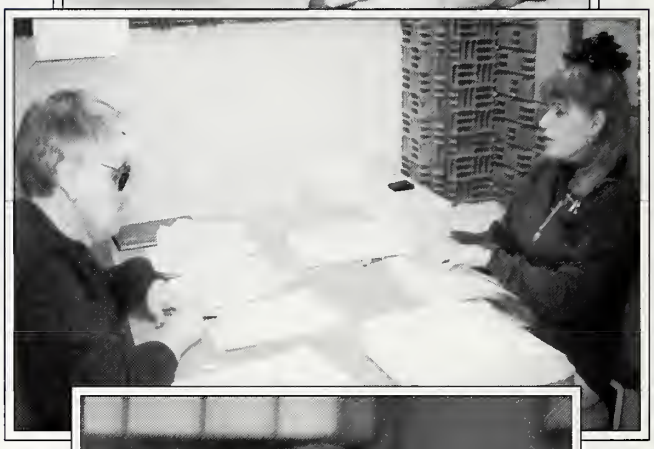
Swivel arm with the book rack can be locked at any desired height along the vertical shaft using a large wing nut. Book rack can also be rotated or tilted in many different positions. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and older.
1-03230-00.....New Lower Price! $210.00

This stand can be used while sitting or standing.

Come Visit Our House!

Unique Tour and Museum at the American Printing House for the Blind



Tours:

APH offers an informative and fascinating guided tour of its facility. Visitors will see the production of braille publications, the recording of talking books, and a demonstration of adapted educational products for students who are visually impaired.

Museum:

The history of the education of people who are blind is presented in APH's multi-media museum. Artifacts, photos, and electronic displays present such topics as the development of braille and the history of Talking Books. Other displays include an extensive collection of braillewriters and braille slates. All displays are accessible to people who are blind or visually impaired.

Facility:

APH is located in the historic Louisville neighborhood known as Clifton, with easy access to nearby I-64, I-65, and I-71. Motor coach parking is available on the street. Our building is wheel chair accessible.

Tour Hours:

Two tours each day at 10:00 a.m. and 2:00 p.m. Eastern Time, Monday-Thursday, except holidays. Tour length: 1 to 1 1/2 hours. Please make advance reservations for groups of ten or more. *Tours can also be arranged for schools or other groups of children ages 9 and up.*

Museum Hours:

8:30 a.m. to 4:30 p.m. Eastern Time, Monday-Friday, except holidays.

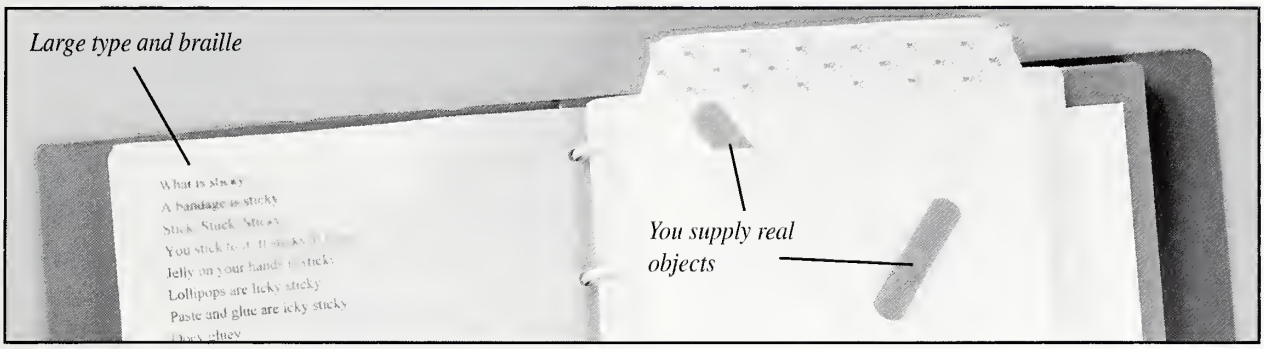
For more information, contact APH's Special Projects Coordinator at 502-895-2405, ext. 357 or 1-800-223-1839

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

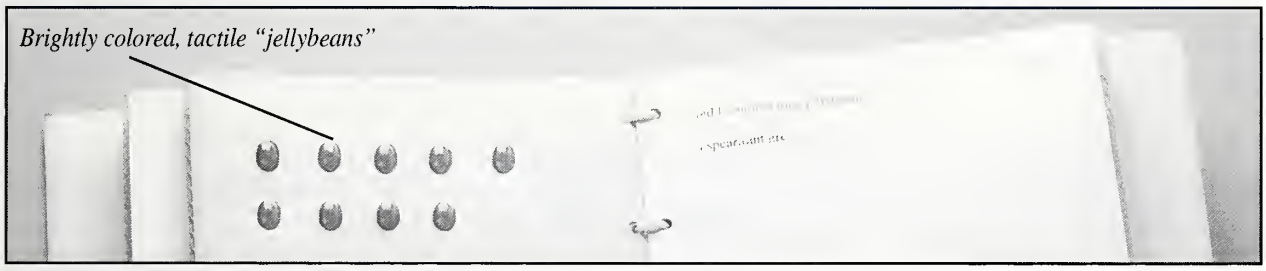
NEW

Four New On the Way Titles! Turn the Page ➤ ➤ ➤

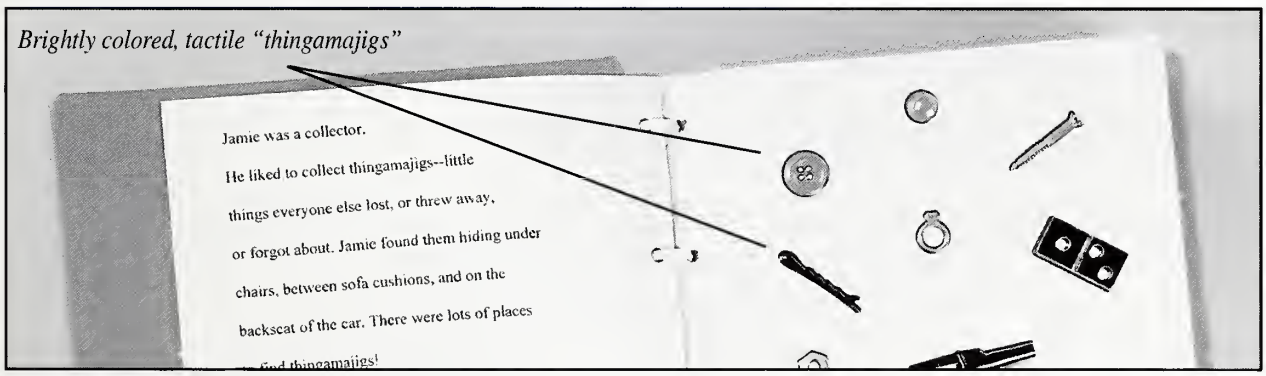
These new titles are available separately or as a set called *On the Way to Literacy III*.



Giggly-Wiggly Snickety-Snick (A Book with Real Objects and Textures)



Jellybean Jungle (A Book with Thermoforms)



Thingamajig (A Book with Thermoforms)

The Gumdrop Tree (A Book with Raised-Line Drawings)

On the Way to Literacy: Early Experiences for Visually Impaired Children

This handbook and series of 17 storybooks contain vital information and activities to enhance the development of literacy in young blind or visually impaired children. The storybooks are in braille and large print and feature tactile/visual illustrations.

On the Way Handbook

The handbook for parents and teachers is organized in two ways: by developmental level and skill area. The developmental levels include infants, toddlers, and preschoolers. Skill areas discussed within each level are communication, hand skills/tactual exploration, concepts, and book experiences. The handbook is available in regular print and on cassette.

On the Way Storybooks

The storybooks introduce visually impaired youngsters to large print, tactile illustrations, and braille. The illustrations provide opportunities to use finger and hand skills. Recommended ages: some handbook activities can be used from birth; storybooks are for ages 2 1/2 to 5 years, ***except* Gumdrop Tree, *which is not for children under 3 years.***

How *On the Way* Is Sold

The handbook and storybooks can be purchased separately or as sets. The books in the sets are grouped together for your ordering convenience, and are not sequential in terms of level of difficulty.

Note: These books are listed in order from least to most challenging.

On the Way *Storybooks with Real Objects and Textures*

Title	Description	Catalog No.	Price
Giggly-Wiggly, Snickety-Snick (Set III) NEW	Words in this story capture a range of tactile experiences—soft, bumpy, smooth, crunchy, etc. Envelopes on the book's pages can be filled with real objects (objects not included).	**6-77502-05**	$36.50
Something Special (Set I)	A young child searches for a lost possession; features objects fixed to the book pages.	**6-77500-05**	$39.95
That's Not My Bear (Set II)	A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by well-intentioned family members are represented with furry fabric shapes.	**6-77501-01**	$36.00 Lower Price!
Geraldine's Blanket (Set II)	The story of a little girl's treasured blanket, which becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.	**6-77501-02**	$37.00 Lower Price!

On the Way *Storybooks Illustrated with Thermoforms (molded plastic shapes)*

Title	Description	Catalog No.	Price
Jennifer's Messes (Set I)	Thermoforms of familiar objects such as breakfast cereal, pretzels, and crayons illustrate the messes made by Jennifer.	**6-77500-06**	$46.00

This chart of books with thermoforms is continued on next page ➤ ➤ ➤

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

On the Way *Storybooks Illustrated with Thermoforms, continued*

Title	Description	Catalog No.	Price
Jellybean Jungle (Set III) NEW	A counting rhyme about a magical jungle filled with jellybeans. From one to ten, the jellybeans appear in rows for easier counting. Scented stickers included.	**6-77502-01**	$51.50
Gobs of Gum (Set I)	A rhyming story about "big blobs, small gobs, and sticky icky strings of bubblegum."	**6-77500-08**	$32.00
Roly-Poly Man (Set I)	A young child creates a "roly-poly" figure from pieces of clay.	**6-77500-07**	$36.75
Thingamajig (Set III) NEW	Jamie is a collector of "thingamajigs"—coins, marbles, buttons, and many other common objects. His carefully stored treasures introduce the concept of grouping items, and identifying missing items.	**6-77502-04**	$38.50

On the Way *Storybooks with Raised-Line Drawings*

Title	Description	Catalog No.	Price
The Longest Noodle (Set I)	A child finds the world's longest noodle. Raised lines of varying lengths illustrate a shoelace, a jump rope, and more.	**6-77500-01**	$19.25
The Blue Balloon (Set II)	A very special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes and fold-out pages.	**6-77501-03**	$22.00 Lower Price!
That Terrible, Awful Day (Set I)	A young child's popsicle gets smaller as everyone shares a taste.	**6-77500-04**	$15.25
The Caterpillar (Set I)	A visually impaired child discovers something curious in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.	**6-77500-02**	$15.95
Silly Squiggles (Set I)	A fictitious, wormlike creature stretches, squeezes, and squirms into various shapes in this rhyming story.	**6-77500-09**	$16.25
The Gumdrop Tree (Set III) NEW	About a child's dream come true—a tree which grows from a gumdrop! The raised-line drawings depict the growth of the tree. The gumdrops are shown as the child places them in a row, circle, square, etc. Includes scented stickers.	**6-77502-03** *For ages 3 years and up.*	$48.50
Bumpy Rolls Away (Set I)	Bumpy the Ball is sent rolling down a hill, down some steps, onto a sidewalk, along an alley, and into a box.	**6-77500-03**	$15.95

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Special On the Way *Book Lets Children Create a Story About Themselves*

Title	Description	Catalog No.	Price
Book About Me (Set I)	A "Me Book" for children to create, with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.	**6-77500-10**	$14.00

On the Way to Literacy *Book Sets*

Item	Description	Catalog No.	Price
***On the Way to Literacy:* Complete Set I**	Includes one copy of the print handbook and one copy each of these books: *Something Special; Jennifer's Messes; Gobs of Gum; Roly-Poly Man; The Longest Noodle; That Terrible, Awful Day; The Caterpillar; Bumpy Rolls Away; Silly Squiggles; Book About Me.* 10 storybooks total.	**6-77500-00**	$275.35
***On the Way to Literacy:* Complete Set II**	Includes one copy each of these books: *That's Not My Bear, Geraldine's Blanket, The Blue Balloon.* 3 storybooks total.	**6-77501-00**	$95.00 Lower Price!
NEW ***On the Way to Literacy* Complete Set III**	Includes one copy each of these books: *Giggly-Wiggly, Snickety-Snick; Jellybean Jungle; Thingamajig; The Gumdrop Tree.* 4 storybooks total.	**6-77502-00**	$175.00

On the Way to Literacy *Handbook, Plus Related Video*

Item	Description	Catalog No.	Price
***On the Way to Literacy* Print Handbook only**	Helps parents and teachers build a foundation for literacy with children from birth to kindergarten. (One copy of the print handbook is included with *On the Way:* Complete Set I).	**8-77500-00**	$24.00
***On the Way to Literacy* Cassette Tape Handbook only**	Contains the text of the print handbook on a 4-track, 15/16 ips cassette tape. (Cassette edition of handbook is only available separately).	**C-77500-00**	$2.50 Lower Price!
Discovering the Magic of Reading: "Elizabeth's Story" (videotape and booklet)	This 24-minute video and its included booklet examine ways that parents and teachers of young visually impaired children can make the vital experience of reading aloud enjoyable and meaningful.	**1-30002-00**	$24.95

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Thank you for your interest in APH products! Please take a few moments to read the ordering information below. By following these directions, you will help us process your order as quickly as possible.

American Printing House for the Blind, Inc.
1839 Frankfort Avenue • P.O. Box 6085
Louisville, KY 40206-0085
Phone: 502-895-2405
Toll Free: 800-223-1839
Fax: 502-899-2274

IMPORTANT: ***For your protection, do not transmit your credit card number to APH via e-mail. At this time we will not accept a credit card order via the Internet.***

For Domestic Customers—Ordering Methods and Terms of Payment

Ordering Methods—Domestic:

Order by one of the following methods:

- Mail us an APH Order Form for Individuals (see page 71)
- Mail us a print, braille, or cassette letter (include either a check, money order, or a credit card number)
- Call us toll free and use a credit card (Discover®, MasterCard®, or Visa®): **1-800-223-1839**
- Come to our Louisville, Kentucky facility: Monday-Thursday, 8:00 a.m. to 3:00 p.m. Eastern time
- **If you are ordering for an organization:** And have an account established with APH, please use your organization's purchase order. If you do not have an established account, please use one of the other ordering methods listed above (such as a credit card) or inquire about establishing an account for your organization—it's quick and easy!
- **If you are ordering with Federal Quota funds:** For a residential school, state department of education, rehabilitation agency, or other organization which has been assigned Federal Quota funds, please use a Quota Order Form. *This form must be signed by the Ex Officio Trustee for your account prior to submission to APH.*

continued on next page

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Terms of Payment—Domestic

Payment must accompany each order (with the exception of purchase orders and Federal Quota orders). APH accepts the following methods of payment:

- Checks
- Money orders
- Discover®, MasterCard®, and Visa® charge cards
- APH accepts purchase orders from customers who are ordering for organizations with established accounts. Terms for all open account orders are NET 30. Please include a photocopy of APH's invoice with your remittance. If you would like to establish an open account for your organization, please contact our Accounts Receivable area.
- ***Please do not mail cash.***

Sorry, no C.O.D.s.

Charge Card Orders: For charge card orders, please include the following:

- Card type
- Card number
- Expiration date
- Signature
- Telephone number

State Sales Tax: Residents of Kentucky must send state sales tax along with the purchase price of their orders: Kentucky State Sales Tax: 6%

Please note that product prices are subject to change without notice.

For Customers Outside of the U.S.—Ordering Methods & Terms of Payment

If you are an international customer, please order by one of the following methods:

- Use a credit card (Discover®, MasterCard®, or Visa®). To order by credit card, call us at 1-502-899-2266, fax us at 1-502-899-2284, or mail us a print, braille, or cassette letter.
- Mail us a check drawn on a U.S. bank
- If you have an established account with APH, mail or fax us your organization's purchase order. If you would like to establish an account, please call Accounts Receivable at 1-502-895-2405.
- Mail us a Letter of Credit drawn on National City Bank, Louisville, Kentucky, U.S.A. ***Note that this is the only bank from which we will accept Letters of Credit.***
- Request a pro forma invoice: Mail or fax us a letter of inquiry specifying which products you wish to order. Please also include whether you prefer shipment by surface or air mail. This will allow us to send you a pro forma invoice showing product prices, shipping costs, and insurance costs (see "Shipping Methods" and "Insurance").

continued on next page

For All Customers—Ordering Information Needed

Please include the following information when ordering:

- Catalog numbers
- Quantity
- Product names
- Price each
- Total amount of purchase
- Method by which the products are to be shipped
- State tax, shipping charges, and insurance charges, *if applicable* (see "Terms of Payment," "Shipping Methods," and "Insurance").
- Total amount due
- APH account number (if you are ordering with a purchase order or a Federal Quota order)

For All Customers—Shipping Methods

Shipping Methods within the U.S.: Material ordered by or for people who are visually impaired will be shipped Free Matter for the Blind, unless otherwise requested. If you wish for material to be shipped other than Free Matter, please write or call APH before placing an order. Please give the items you wish to order and the type of shipment preferred. APH will then give you the cost of shipment. This amount must be sent along with the purchase price of the items when you mail in the order. Please also note on your order the type of shipment you prefer. Shipment choices other than Free Matter within the U.S. include:

- U.S. Post Office Priority Mail: Two-to-three day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery. No Sunday or holiday delivery. Delivered with regular mail.
- U.S. Post Office Express Mail: Guaranteed next day delivery to any address (including P.O. boxes), seven days a week, 365 days a year. No additional charge for weekend or holiday delivery.
- United Parcel Service® (UPS) Ground: Four-to-seven day delivery to street addresses only (no P.O. boxes). No weekend or holiday delivery.
- UPS 3-Day: Guaranteed three day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- UPS 2-Day: Guaranteed two day delivery to street addresses only (no P.O. boxes). No Saturday, Sunday, or holiday delivery.
- UPS Overnight: Guaranteed next day delivery to street addresses only (no P.O. boxes). Additional charges for Saturday delivery. No Sunday or holiday delivery.

Note: Normal APH order processing time usually is usually 2-4 days before a product is actually shipped.

Shipping Methods Outside of the U.S.: Certain items ordered by or for visually impaired people can be shipped to most overseas destinations via Free Matter for the Blind (surface mail). These include books, paper, and slates/styluses. The shipping charges for all other APH items must be paid by the customer. We recommend shipment by air mail, as surface mail is slow. All export and/or import duties, brokerage fees, etc., are paid by the customer. Please check with your customs broker to make arrangements in advance.

continued on next page

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For Customers Outside of the U.S.—Insurance

Insurance for Overseas Shipments: If we ship products which are greater than $15 in value overseas by Free Matter for the Blind, we will automatically insure the shipment at the customer's expense. The charge for this insurance will be listed on the pro forma invoice.

For All Customers—Returns Policy

Defective Merchandise:

APH makes every effort to inspect merchandise before it leaves our facility. If by chance you do receive an item which is defective, we will repair or replace it at no cost to you (we do reserve the right to choose whether we will repair or replace the item). In the case of items that have a specific warranty, we must be notified within one year of the date the item was shipped to the end user. In the case of items that do not have a specific warranty, we must be notified within 30 days of the date the item was shipped to the end user. For more information on warranties, please refer to the following section.

Other Returns:

We want you to be satisfied! You may return a nondamaged item for any reason within 60 days of the date that the item was shipped from us, subject to the following conditions:

- We require prior authorization for a return. Please write or call APH Customer Service to explain which items you would like to return. We will give you a Return Authorization Number. When preparing the item for return to APH, please write this Return Authorization Number on the outside of the shipping container. *APH will refuse a product return if the Return Authorization Number is not written on the outside of the shipping container.*

  When returning items to APH, please include your original purchase order number or a copy of the original packing slip or invoice. This will allow us to more quickly identify and process your return.

- Items must be in resalable condition.
- A 10% restocking charge will be deducted from your refund. This charge will not exceed $15.00 per item for individuals and $50.00 per item for organizations.

Note: The following items may not be returned:

- ***Special-order items, including custom-made books***
- ***Large type books***

Order Form for Individuals

Not to be used for Federal Quota accounts. Companies and other organizations please use own purchase order.

AMERICAN PRINTING HOUSE FOR THE BLIND, INC.

1839 Frankfort Ave. / P.O. Box 6085 / Louisville, KY 40206-0085
Phone: 502-895-2405 / Toll Free: 800-223-1839 / Fax: 502-899-2274

• Ordered by: **• Date:** _____

Name, First:	M.I.:	Last:	
Address:			
City:	State:	Zip:	Phone: ( )

____ Check here if your address has changed since your last order.

• Ship to (if order is to be shipped to another address):

Name, First:	M.I.:	Last:	
Address:			
City:	State:	Zip:	Phone: ( )

Catalog No.	Qty.	Name of Product	Price Ea.	Total
			TOTAL AMOUNT OF PURCHASE	
			KY STATE SALES TAX – If you are a Kentucky resident, 6%	
			SHIPPING – If other than Free Matter for the Blind	
			TOTAL AMOUNT DUE	

Sorry, No C.O.D. Orders Accepted

• Method of Payment:

___ Check ___ Money Order ___ MasterCard® ___ Visa® ___ Discover®

Card Number ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ Expiration Date _____

Signature _____

• Check type of shipment if other than Free Matter for the Blind:

• **U.S. Postal Service:** ___ Priority Mail ___ Express Mail

• **UPS®:** ___ Ground ___ 3-Day ___ 2-Day ___ Overnight • **Other** _____

Quantity Purchase Discounts on Selected APH Products!

We offer price discounts on quantity purchases of selected APH products. These discounts are available no matter what type of funds are used for purchase, including Federal Quota Funds. The items must be purchased on one order and shipped to a single destination. The following is our quantity discount schedule:

Quantity Purchased	Discount
0-15	-0-
16-25	1%
26-50	2%
51-100	3%
101-200	4%
201 and up	5%

The following is the list of items that can be purchased at a discount:

Fine Motor Development Materials: Twist, Turn, and Learn	1-08420-00
FOCUS in Mathematics: Academic Program	1-08280-00
Game Kit	1-08440-00
The Globe: Tactile and Visual	1-01551-00
Handi-Cassette II	1-07085-00
Light Box	1-08660-00
Light Box Materials: Level I	1-08670-00
Light Box Materials: Level II	1-08680-00
Light Box Materials: Level III	1-08690-00
Listening to Windows® 95	D-64550-00
Maps Represent Real Places: Map Study I	1-01130-00
Mini-Lite Box	1-08661-00
Portable Sound Source III	1-03040-01
Prevocational Skills Development Materials Kit (entire kit)	1-08000-00
Program to Develop Efficiency in Visual Functioning	1-08530-00
Sensory Stimulation Kit (entire kit)	1-08610-00
Sensory Stimulation Kit: Tactual-Kinesthetic Kit only	1-08630-00
Speech Expressor™	1-07050-00
Table Top Cassette Tape Recorder/Player	1-07150-00
Tangible Graphs	1-08860-00
Variable Intensity Study Lamp	1-08940-00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Limited Warranties on APH Products

All APH products are covered by a limited warranty. Certain products are covered by a warranty that expires one year from the date the item is shipped to the end user. All other APH products are covered by a warranty that expires 30 days from the date the item is shipped to the end user. *Warranty does not apply in cases of customer modification, misuse, or abuse of APH products. Please note that extended warranties do not cover replacement of electronic product accessories.* Items that have a one-year limited warranty include:

AC/DC Cassette Tape Recorder/Player (discontinued)	1-07130-00
APH Panasonic® Stereo Cassette Tape Recorder/Player and Radio (discontinued)	1-07074-00
ColorTest Talking Color Analyzer	1-03950-00
Echo® II with *Textalker*™ (discontinued)	1-07212-00
Echo II with *Textalker-GS* (discontinued)	1-07213-00
Handi-Cassette II	1-07085-00
Light Box	1-08660-00
Magni-Cam™ and Optional Portable Systems	Various catalog numbers
Mini-Lite Box	1-08661-00
Perkins Brailler	1-00850-00
Portable Sound Source III	1-03040-01
Speech Expressor™	1-07050-00
Table Top Cassette Tape Recorder/Player	1-07150-00
Variable Intensity Study Lamp	1-08940-00

General Repair Policy

If you are experiencing trouble with an APH product, please call 1-800-223-1839. Explain the problem to our friendly Customer Service staff. It is possible that we can help you over the phone. If it is determined that your product does require servicing, please use the following guidelines.

Products Under Warranty

If your APH product is still under warranty, please call APH to obtain a Return Authorization Number. Call Customer Service at **1-800-223-1839.** Please write the Return Authorization Number on the outside of the shipping container, then ship the product to us along with a written description of the problem. We will repair or replace the item at no cost to you (subject to some restrictions).

Electronic Products Under Warranty

Unlike all other APH products, electronic products do not require a Return Authorization Number for an under-warranty repair. Note: If you are submitting an electronic device for repair, we can more accurately determine the problem if you include all accessories such as batteries, battery clips, power adapters, and headphones; however, please note that extended warranties do not cover replacement of these accessories.

continued on next page

Products Out of Warranty

APH has improved its policy regarding repair charges for items no longer under warranty. In order to more quickly and effectively meet customer needs, we have established set fees to be paid before repairs are made.

Now a Set Fee for Each Product

There is now a specific, set repair fee for each commonly serviced APH product (please refer to chart below). This fee is to be submitted at the time the product is shipped to APH for repairs. Please also be sure to include a written description of the problem. You may pay the fee with a check; money order; Discover®, MasterCard®, or Visa® credit card; purchase order; or Federal Quota order. *If you do not include the set repair fee, your equipment will not be repaired until the fee is received.*

You will not be charged more than the set fee for a particular item no matter how extensive the necessary repair. Items which are not repairable will be returned to you. For a nonrepairable item, you will receive a refund of the repair fee, with only a $5.00 handling charge deducted.

If you have any questions, please call our Customer Service line, **1-800-223-1839.**

Set Repair Fees for APH Products

AC/DC Tape Recorder/Player: 1-07130-00 (discontinued)	$105.00
APH Panasonic® Recorder/Player and Radio: 1-07074-00 (discontinued)	$75.00
Big Picture: 1-03930-00 (discontinued)	$100.00
Braille 'n Speak® Classic: 1-07309-00 (discontinued)	$125.00
Braille 'n Speak® 2000: 1-07310-00	Please call for more information
ColorTest Talking Color Analyzer: 1-03950-00	Please call for more information
Handi-Cassette II: 1-07085-00	$85.00
Light Box: 1-08660-00	$155.00
Magni-Cam™ Black & White Model: 1-03920-00	Please call for more information
Magni-Cam™ Triad Color Model: 1-03928-00	Please call for more information
Mini-Lite Box: 1-08661-00	$65.00
Portable Sound Source III: 1-03040-01	$50.00
Speech Expressor™: 1-07050-00	$65.00
Table Top Cassette Tape Recorder/Player: 1-07150-00	$115.00
Variable Intensity Study Lamp: 1-08940-00	$60.00

Warranty on Repairs

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. *As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products.* Please note that extended warranties do not cover replacement of electronic product accessories.

THE AMERICAN PRINTING HOUSE FOR THE BLIND, INC

You Don't Need Sight For Our Site!

Visit APH's fully accessible, fully searchable website for:

- A history of APH's over 140 years of service and an overview of APH today
- Product and services information, including brochures and downloadable versions of our catalogs
- On-line versions of our newsletters, including the *APH Technology Update* and the *APH Slate*
- The *Louis* Database of Accessible Materials for People Who Are Visually Impaired or Blind
- Information on our research programs
- Details about the Federal Quota Program
- The APH InSights virtual art gallery of works created by artists who are blind

www.aph.org

NEW

Good Stuff ~ Good Bargains:

Visit the APH Flea Market On-line!

APH has a new way to let you know about useful items that we are putting on sale:

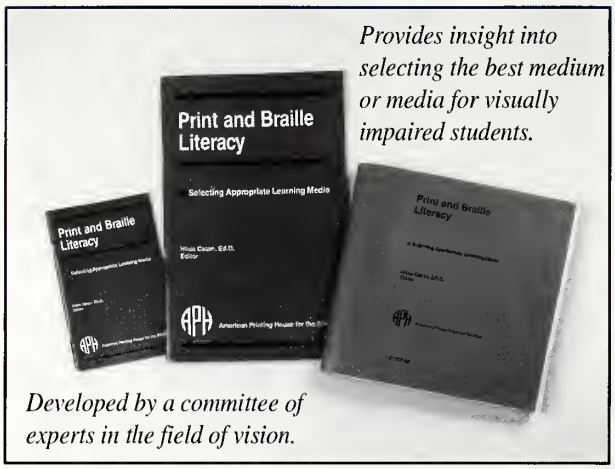
The APH Flea Market on our website!

Featured items are valuable but discontinued or surplus stock that we are offering at a discount *while supplies last.*

Listings change periodically, so check the Flea Market often!

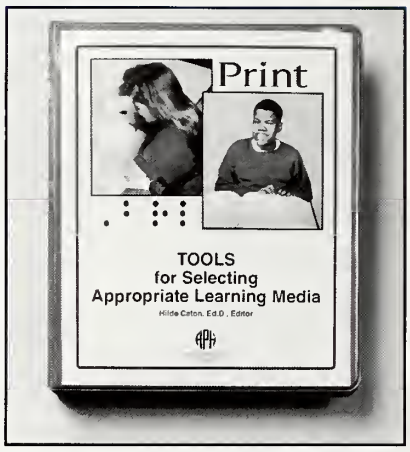
Literacy is the cornerstone of most educational endeavors.

APH products can help you choose appropriate media as well as teach a variety of literacy skills.



Provides insight into selecting the best medium or media for visually impaired students.

Developed by a committee of experts in the field of vision.



Print and Braille Literacy: Selecting Appropriate Learning Media

Contains guidelines to help ensure that every visually impaired student will have adequate opportunity for learning to use the medium/media most appropriate for his or her needs. These guidelines do not contain formalized tests or assessment procedures, but they do contain a process which can be used to evaluate children in order to make preliminary decisions regarding appropriate learning medium/media.

Hilda Caton Ed.D., Editor. APH, 1991:

Braille Edition: 6-01500-00.....$10.50

Large Type Edition: L-01500-00....$14.50

Print Edition: 8-01500-00.....$5.00

NOT AVAILABLE ON QUOTA

TOOLS for Selecting Appropriate Learning Media

Designed to help parents, teachers, and administrators make decisions concerning students' use of braille, print, or both as their primary reading medium/media. This manual is an extension of the book *Print and Braille Literacy: Selecting Appropriate Learning Media.*

Assessment of literacy goals and learning media must be a continuing process, occurring a minimum of one time a year and more frequently if necessary.

Hilda Caton, Ed.D., Editor. APH, 1994:

Braille Edition:

6-01501-00...Lower Price! $45.00

Large Type Edition: L-01501-00.....$28.75

Print Edition: 8-01501-00.....$26.00

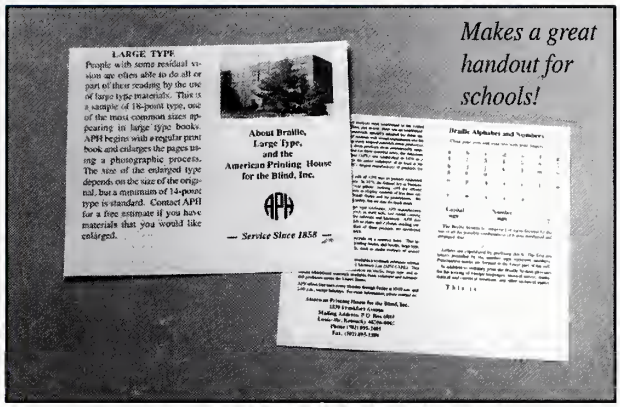
Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

APH Alphabet Card Folder

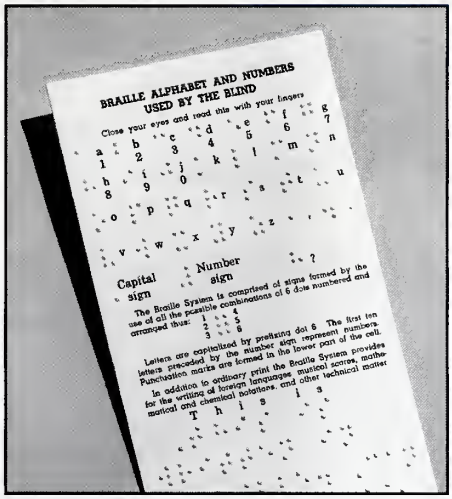
Designed to raise the awareness of braille among print readers, this card displays the braille alphabet, presents a sample of large type, and provides a brief history of APH. Folds in half vertically. When folded, the card measures 3 5/8 x 6 1/4 inches. Sold individually. As a special educational service, up to five copies are available free upon written or phone request.

1-04000-00 (up to five free).....$0.13

NOT AVAILABLE ON QUOTA



Braille Alphabet and Numbers Card



Also intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille and in regular type. Simple legend appears at the bottom of the card in Grade 1 Braille, allowing for translation practice.

Card measures 3 5/8 x 6 1/8 inches. 100 per package.
Not available free.

1-04020-00.....$7.00

NOT AVAILABLE ON QUOTA

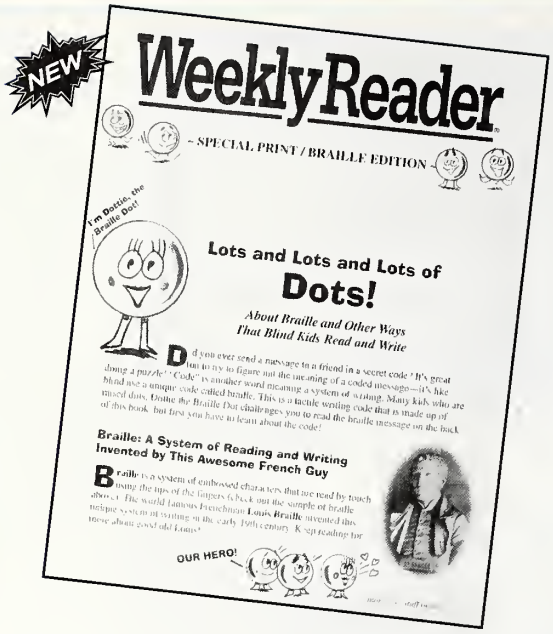
Braille Contraction Sheets

A handy reference tool! Pamphlet contains many of the common English Grade 2 Braille units, including contractions, word signs, short-form words, punctuation, and composition signs.

It comes in two versions, print and braille. As a special educational service, up to five copies of the braille version are available free upon written or phone request. Sold individually.

Print Version: 7-35960-00
(not available free).....$2.50

Braille Version: 5-35960-00
(up to five copies free).....$1.25



REVISED! *Weekly Reader®: Special Print/Braille Edition*

Entertaining and educational publication intended for print readers who want to learn more about the way kids who are blind read and write. Lively cartoon characters help you learn about the braille code, Louis Braille and the history of the code, and equipment used to write braille. Also gives brief information about large type, Talking Books, and adapted computers. This is a regular print publication with samples of both simulated and real braille.

Up to five copies are available free upon written or phone request. Sold individually. Recommended ages: 8 years and older.

Z-SMWR97 (up to five free).....$1.00

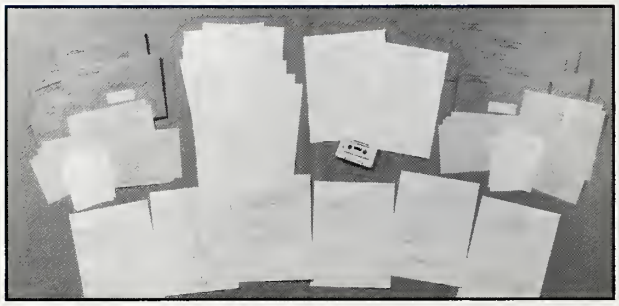
Literacy: Braille Instruction: Teaching Tools

Braille Code Recognition (BCR) Materials

Help students increase speed and accuracy in recognition of contractions, word signs, and short-form words in braille using BCR! Recommended for use with students who have a basic understanding of the braille code. Recommended ages: 10 years and older.

BCR comes in two versions, one for students and one for teachers (the Teacher's Kit is pictured). The Students' Kit, which provides for five students, includes:

- ✓ One braille booklet, BCR lists 1-20
- ✓ Five print sets, BCR lists 1-20
- ✓ One print copy, *Directions for BCR Lists*
- ✓ One print booklet, *BCR Exercises*
- ✓ One braille booklet, *BCR Exercises*
- ✓ One print copy, "Percentage Accurate Conversion Table"
- ✓ Five sheets, Braille Progress Charts (also available separately)



Teachers' Training Kit, which provides for up to 10 teachers, includes:

- ✓ One instructional cassette tape which is 30 minutes in length
- ✓ Two sets of practice/assessment packets, five copies of each
- ✓ Ten sets of handouts, 1-6
- ✓ One *Leader's Guide*
- ✓ Ten Evaluation Forms

Students' Kit: 1-03240-00.....$33.00

Teachers' Training Kit:
1-03250-00.....Lower Price! $25.00

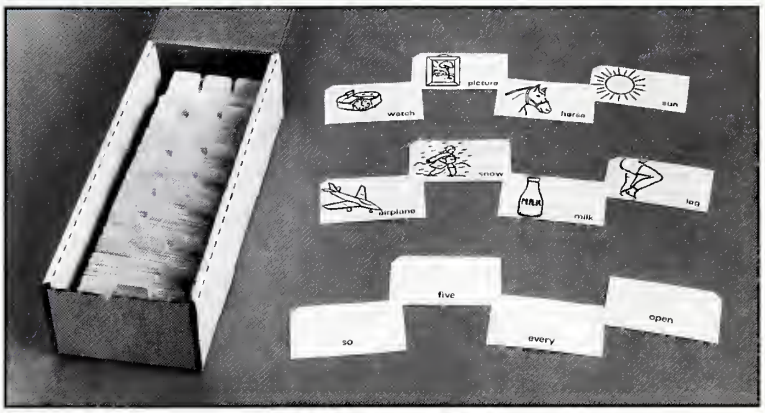
Braille Progress Charts only (50 sheets):
1-04050-00.....$5.50

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Expanded Dolch Word Cards

These braille word cards are composed of both the Dolch 220 Basic Sight Vocabulary Cards© and the 95 Picture-Word Cards©. They consist of pronouns, adjectives, adverbs, prepositions, conjunctions, and common verbs which make up 50% to 75% of all school reading matter. Picture-Word Cards present nouns which have been found to be of the widest use in basal readers. Cards can be used to drill and assess a student's ability to read words in Grade 2 Braille and to spell words in Grade 1 Braille.

Each card measures 3 1/2 x 2 inches, with one upper corner cut to aid in orientation. Additionally, a row of braille *c's* is embossed across the top of both sides of each card for further orientation. Cards contain both large type and braille words on both sides. In addition, the Picture-Word Cards each contain a picture corresponding to the word. On both types of cards the

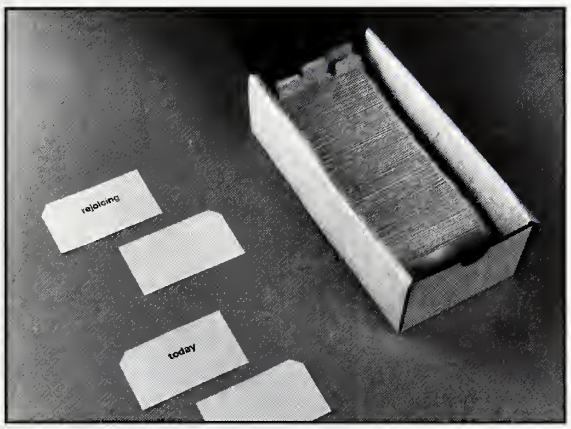


words are shown in Grade 1 Braille on one side and Grade 2 Braille on the other. An additional 30 blank cards allow for adding words of the teacher's choice. Indexing tabs and a storage box are also included. Recommended ages: 5 years and older.

Expanded Dolch Word Cards:

1-03560-00...Lower Price! $12.00

Can be used with the new Card Chart!



Grade 2 Braille Cards

Additional practice for students can be gained with Grade 2 Braille Cards. This is a set of flashcards designed to help drill and refresh braille users on the braille literary code. Includes in both large type and braille:

- Alphabet and numbers
- Punctuation and composition signs
- One-cell whole-word and part-word signs
- Two-cell contractions
- Short-form words

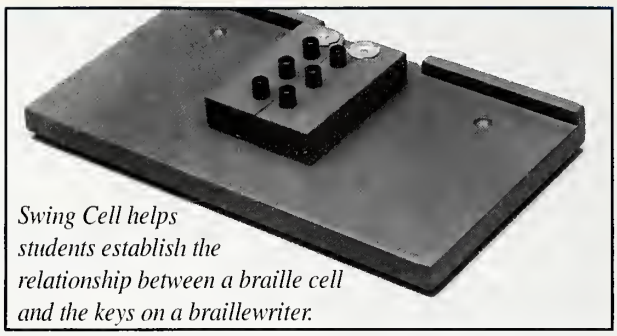
There are 247 cards, each measuring 3 1/2 x 2 inches. The first 26 cards contain the alphabet on one side and corresponding large type on the other side. The remaining 221 cards contain Grade 2 Braille on one side and both Grade 1 Braille and large type on the other side. On the side of each card showing Grade 2 Braille, the upper right hand corner has been cut for orientation. Additionally, a row of braille *c's* is embossed across the top of both sides of each card for orientation.

A full braille cell appears next to all lower-cell signs to show their relative position. Eight blank cards, 30 indexing cards with tabs, and a storage box are included. Recommended ages: 6 years and older.

Grade 2 Braille Cards:

1-03561-00.....Lower Price! $8.50

Can be used with the new Card Chart—see Organizational Products!



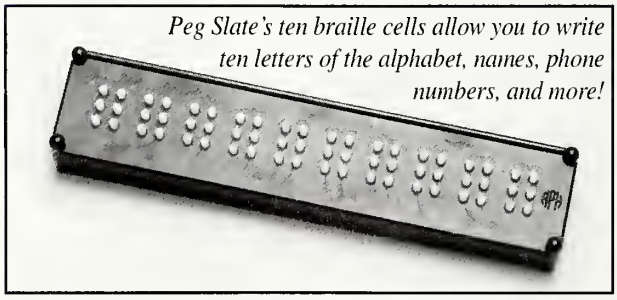
Swing Cell helps students establish the relationship between a braille cell and the keys on a braillewriter.

Swing Cell ▲

Introduce beginning braille users to the braille cell using this clever device. Two rectangular blocks are hinged together on the top and mounted on a wooden base measuring 11 1/2 x 6 1/2 inches. Three holes in each of the blocks represent the spaces for dots in a braille cell. Pegs can be inserted into the holes to represent braille dots. In the vertical or reading position the pegs form the braille cell. In the horizontal or writing position the pegs show the position of the keys on a braillewriter. Recommended ages: 5 years and older. **6-78040-00.....$53.50**

Peg Slate

Simple, paperless device designed to help teach beginning users of the braille slate. Instead of making dots with a stylus, a finger is used to push small pegs down from right to left. Braille characters can then be read on the other side from left to right.



Peg Slate's ten braille cells allow you to write ten letters of the alphabet, names, phone numbers, and more!

Measures 7 3/4 x 1 3/4 x 1 inches and is made of rugged black plastic with white plastic pegs for high contrast. Instructions in print and braille. Recommended Ages: 6 years to adult.

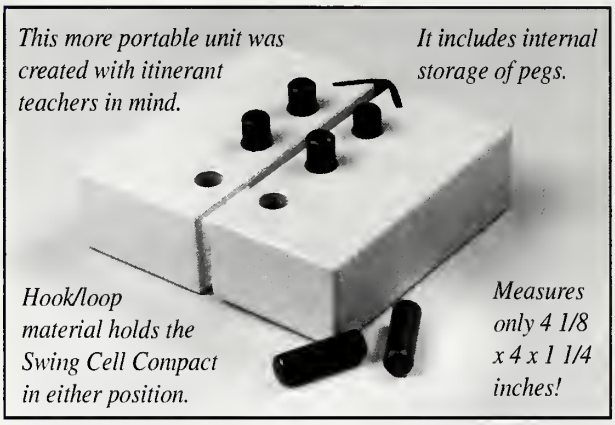
1-08830-00.....Lower Price! $16.00

Did You Know? *The Peg Slate is included in the* Braillewriting Dot by Dot *Print Kit, 7-17400-00, and Braille Kit, 5-17400-00.*

Swing Cell Compact ▼

Similar to the Swing Cell, but without the base. Is smaller and lighter than the original. Like the Swing Cell, it helps students understand the relationship between the braille cell and the keys on a braillewriter. Recommended Ages: 5 years and older.

6-78041-00.....$35.00



This more portable unit was created with itinerant teachers in mind.

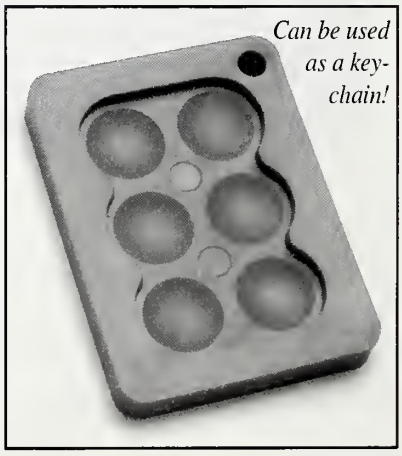
It includes internal storage of pegs.

Hook/loop material holds the Swing Cell Compact in either position.

Measures only 4 1/8 x 4 x 1 1/4 inches!

Did You Know? *The Swing Cell Compact is now included in the* Patterns: The Primary Braille Reading Program, *Readiness Level, Complete Print Kit, Catalog no. 6-78000-00.*

Big Cell



Can be used as a key-chain!

Allows a blind person to examine the inside of a cell before trying to use a stylus. This plastic magnification of the cell inside the window on a braille slate helps beginning slate users learn where to put the stylus for the various dot positions.

1-08820-00.....$5.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Tip! The Formboard with Removable Hands (1-03700-00) is a good precursor to Touch and Tell. *Tactual Discrimination Worksheets (1-08810-00) provide additional practice.* Modern Methods of Teaching Braille, Book 1 *(5-82850-00) provides similar activities.*

Touch and Tell

Stimulate thinking and discussion with young children using this classic set of braille reading readiness books. It consists of three hard-bound volumes with tactile pages and a regular type booklet of instructions. Volumes I and II introduce the child to embossed hands and geometric forms, while Volume III introduces the child to braille dots. Recommended ages: 5 to 6 years.

6-44670-00.....New Lower Price! $32.00

Instruction booklet only: 8-44660-00.....$5.00

Tactual Discrimination Worksheets

Time-tested four-part set of consumable worksheets for braille reading readiness.

Included are:

- ✓ Twenty geometric form sheets
- ✓ Twenty-six line sheets
- ✓ Twenty angular figure sheets
- ✓ Twenty braille code character sheets

Students are asked to perform tasks such as finding the figure which is different in a row of figures, finding the two figures in a row of figures which are the same, finding a figure that matches the first figure in each row, etc. Teacher's instruction manual in regular type is included. Recommended ages: 5 to 6 years and other beginning braille readers of all ages.

1-08810-00.....New Lower Price! $18.00

Extra Worksheets only: 1-08800-00.....$18.00

Beginning braille students of all ages can benefit from these consumable tactual discrimination worksheets.

Preparatory Reading Program for Visually Handicapped Children (PREP)

A program for students who are potentially braille readers or large type readers, *PREP* focuses on the ten concepts considered to be most directly related to the reading process. Instructional objectives were developed around each key concept, and multisensory lessons were created to teach these objectives.

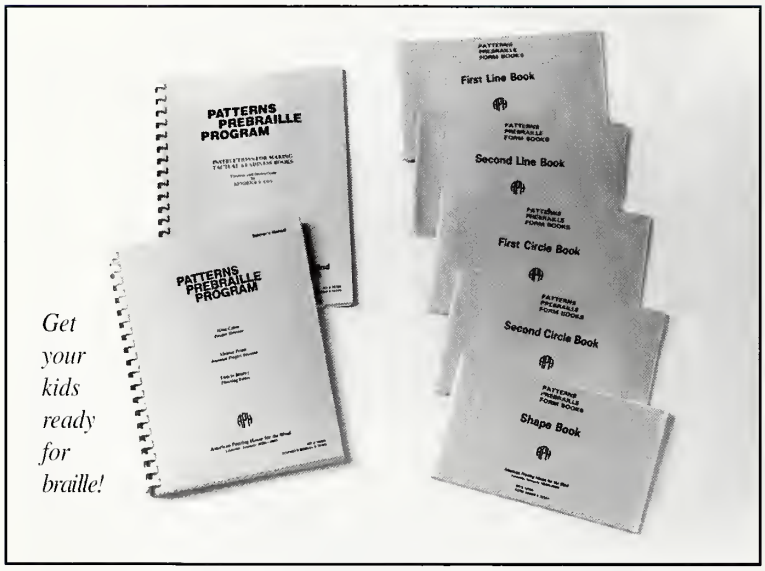
In addition, each unit includes a storybook in large type and braille with simple raised-line drawings. They dramatize the key concepts in each unit and raise questions designed to stimulate a child's reasoning and reading comprehension skills. Recommended ages: 3 years and up.

***PREP:* 8-01200-00.....$113.00**

Items available separately:

Teacher's Manual:
8-01220-00.....New Lower Price! $48.00

***Storybooks:* 8-01210-00.....$69.00**



Get your kids ready for braille!

Patterns Prebraille Program

Designed to help children before they begin a basic braille reading program. *Patterns Prebraille Program* helps build a child's auditory, tactual, conceptual, and language abilities in preparation for braille reading, math, and so on. With the exception of some tactual skills, mastery is not the goal. Emphasis in this program is on exposure to a variety of common childhood experiences.

***Patterns Prebraille:* 6-78360-00.....$57.50**

Items available separately:

***Teacher's Manual* 8-78380-00.....$21.00**

***Instructions for Making Tactual Readiness Books* 8-78370-00.....$9.00**

***Patterns Prebraille Form Books* 6-78361-00.....$24.50**

Other readiness-related items in this catalog:

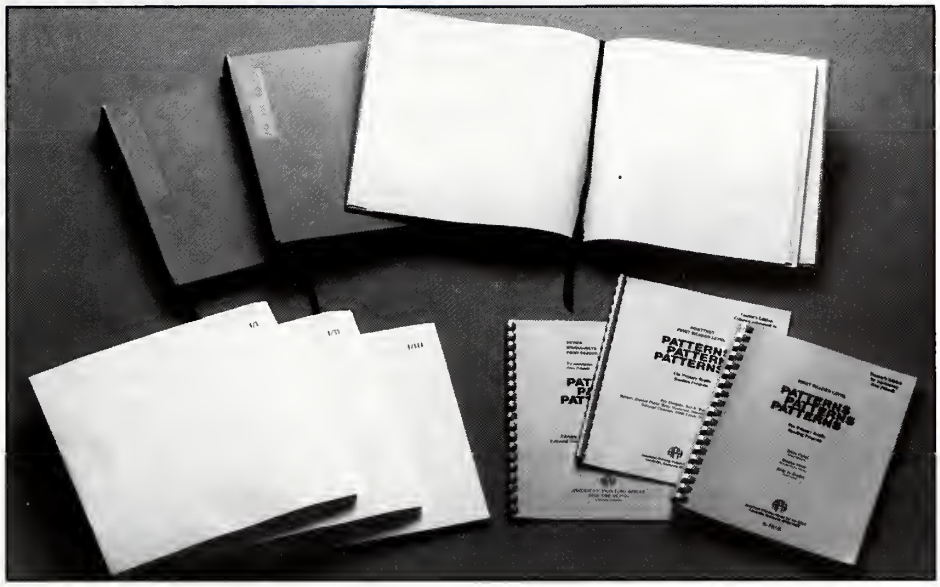
- *On the Way to Literacy*–see Featured Product section in center of catalog
- Sensory Stimulation Kit, Tactual-Kinesthetic Kit–see Early Childhood and Multihandicapped Products

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Patterns:
The Primary Braille Reading Program

Complete program designed specifically for young beginning braille readers, readiness through third reader level.

Word recognition is taught through tactual memory, phonological skills, and syntactical skills. The teaching approach in *Patterns* varies. Depending on the skills to be introduced, the approach may be analytic—moving from the whole to the parts—or synthetic—moving from the parts to the whole.



Patterns is a complete program for beginning braille readers.

Not all items shown.

Patterns contains a variety of learning materials including a braille text and worksheets for all levels. Teacher's edition with lesson plans is also provided to help teachers understand and teach the program.

Following the completion of each level, students are administered a mastery test. Supplementary worksheets are provided for students who need additional practice in specific areas. Recommended ages: 5 years and up.

Note: Braille versions of Patterns *teacher's editions available from APH are vacuum form books that were transcribed by the Braille Services Guild of California.* **Complete kits include only the print versions of the teacher's editions; braille teacher's editions must be ordered separately.**

The following Patterns: Primary Program: Third Reader Level *items are not available in braille:*

- Teacher's Edition
- Teacher's Edition for Posttest
- Teacher's Edition for Review Worksheets

Scope and Sequence Chart (*Patterns* overview)
8-78350-00.....$6.50

Patterns: The Primary Braille Reading Program is now listed in new easy-to-read charts!

Please see the following pages ➤ ➤ ➤

***Patterns: Reading:* Readiness Level (Red):**	**Catalog Number**	**Price**
Go and Do, Letters and You: Complete Print Kit	6-78000-00	$99.50
Patterns: Reading: **Readiness: Complete Print Kit Includes:** Pupil's Texts, Print Teacher's Edition for Pupil's Texts, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest, Swing Cell Compact		
Readiness items sold separately:		
Pupil's Texts (2 books)	6-78010-00	Lower Price! $12.00
Teacher's Edition for Pupil's Texts: *Braille Edition* - only available separately (7 volumes) *Print Edition*	 T-32130-00 8-78010-00	 Lower Price! $202.00 Lower Price! $18.00
Review Worksheets (unbound)	6-78020-00	Lower Price! $7.00
Teacher's Edition for Review Worksheets: *Braille Edition* - only available separately (1 vol.) *Print Edition*	 T-32150-00 8-78020-00	 Lower Price! $19.00 $6.00
Posttest (unbound)	6-78030-00	$5.00
Teacher's Edition for Posttest: *Braille Edition* - only available separately (1 vol.) *Print Edition*	 T-32140-00 8-78030-00	 Lower Price! $24.00 $6.00
Swing Cell Compact: Used to teach the relationship between the braille cell and the keys on a braillewriter	6-78041-00	$35.00

***Patterns: Reading:* Preprimer Level (Blue):**	**Catalog Number**	**Price**
Work and Play, Little and Big, Words and Games: Complete Print Kit	6-78050-00	$90.50
Patterns: Reading: **Preprimer: Complete Print Kit Includes:** Pupil's Texts, Worksheets, Print Teacher's Edition for Pupil's Texts and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Preprimer items sold separately:		
Pupil's Texts (3 books)	6-78060-00	$19.25
Worksheets (unbound)	6-78070-00	Lower Price! $15.00
Teacher's Edition for Pupil's Text and Worksheets: *Braille Edition* - only available separately (8 volumes) *Print Edition*	 T-32210-00 8-78060-00	 Lower Price! $245.00 $19.50
Review Worksheets (unbound)	6-78080-00	$8.00
Teacher's Edition for Review Worksheets: *Braille Edition* - only available separately (1 vol.) *Print Edition*	 T-32220-00 8-78080-00	 Lower Price! $23.00 $6.00
Posttest (unbound)	6-78090-00	$6.50
Teacher's Edition for Posttest *Braille Edition* - only available separately (1 vol.) *Print Edition*	 T-32230-00 8-78090-00	 Lower Price! $19.00 $6.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

***Patterns: Reading:* Primer Level (Green):**	**Catalog Number**	**Price**
City and Farm: Complete Print Kit	6-78100-00	Lower Price! $92.00
***Patterns: Reading:* Primer: Complete Print Kit Includes:** Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheet, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Primer items sold separately:		
Pupil's Text (2 volumes)	6-78110-00	Lower Price! $21.00
Worksheets (unbound)	6-78120-00	Lower Price! $16.00
Teacher's Edition for Pupil's Text and Worksheets: ***Braille Edition*** - only available separately (8 vol.) ***Print Edition***	 T-32100-00 8-78110-00	 Lower Price! $242.00 $16.00
Review Worksheets (unbound)	6-78130-00	Lower Price! $9.00
Teacher's Edition for Review Worksheets: ***Braille Edition*** - only available separately (1 vol.) ***Print Edition***	 T-32110-00 8-78130-00	 $39.60 $6.00
Posttest (unbound)	6-78140-00	$9.00
Teacher's Edition for Posttest (1 vol.) ***Braille Edition*** - only available separately ***Print Edition***	 T-32120-00 8-78140-00	 Lower Price! $24.00 $6.00

***Patterns: Reading:* 1st Reader Level (Yellow):**	**Catalog Number**	**Price**
New Friends: Complete Print Kit	6-78150-00	$142.50
***Patterns: Reading:* First Reader: Complete Print Kit Includes:** Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
First Reader items sold separately:		
Pupil's Text (3 volumes)	6-78160-00	$44.00
Worksheets (unbound)	6-78170-00	Lower Price! $29.00
Teacher's Edition for Pupil's Text and Worksheets: ***Braille Edition*** - only available separately (13 vol.) ***Print Edition***	 T-32180-00 8-78160-00	 Lower Price! $360.00 $23.50
Review Worksheets (unbound)	6-78180-00	$17.50
Teacher's Edition for Review Worksheets: ***Braille Edition*** - only available separately (1 vol.) ***Print Edition***	 T-32190-00 8-78180-00	 Lower Price! $22.00 Lower Price! $6.00
Posttest (unbound)	6-78190-00	Lower Price! $8.00
Teacher's Edition for Posttest ***Braille Edition*** - only available separately (1 vol.) ***Print Edition***	 T-32200-00 8-78190-00	 Lower Price! $24.00 $7.00

***Patterns: Reading:* 2nd Reader Level (Brown):**	**Catalog Number**	**Price**
Old and New: Complete Print Kit	6-78200-00	$150.75
***Patterns: Reading:* Second Reader: Complete Kit Includes:** Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Second Reader items sold separately:		
Pupil's Text (3 volumes)	6-78210-00	Lower Price! $32.50
Worksheets (unbound)	6-78220-00	Lower Price! $42.00
Teacher's Edition for Pupil's Text and Worksheets:		
Braille Edition - only available separately (vol. NA)	T-32240-00	Lower Price! $380.00
Print Edition	8-78210-00	Lower Price! $31.50
Review Worksheets (unbound)	6-78230-00	$18.00
Teacher's Edition for Review Worksheets:		
Braille Edition - only available separately (1 vol.)	T-32250-00	Lower Price! $28.00
Print Edition	8-78230-00	$6.00
Posttest (unbound)	6-78240-00	$8.25
Teacher's Edition for Posttest		
Braille Edition - only available separately (1 vol.)	T-32260-00	Lower Price! $22.00
Print Edition	8-78240-00	$6.00

***Patterns: Reading:* 3rd Reader Level (Gray):**	**Catalog Number**	**Price**
Far Away and Long Ago: Complete Print Kit	6-78250-00	$235.00
***Patterns: Reading:* Third Reader: Complete Print Kit Includes:** Pupil's Text, Worksheets, Print Teacher's Edition for Pupil's Text and Worksheets, Review Worksheets, Print Teacher's Edition for Review Worksheets, Posttest, Print Teacher's Edition for Posttest		
Third Reader items sold separately:		
Pupil's Text (4 volumes)	6-78260-00	Lower Price! $50.00
Worksheets (unbound)	6-78270-00	Lower Price! $46.00
Teacher's Edition for Pupil's Text and Worksheets:		
Braille Edition (not available)	not available	--
Print Edition	8-78260-00	Lower Price! $46.00
Review Worksheets (unbound)	6-78280-00	$17.50
Teacher's Edition for Review Worksheets:		
Braille Edition (not available)	not available	--
Print Edition	8-78280-00	$6.75
Posttest (unbound)	6-78290-00	$15.50
Teacher's Edition for Posttest		
Braille Edition (not available)	not available	--
Print Edition	8-78290-00	$6.25

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Patterns: Reading Program Library Series

This series is designed for students who have completed the corresponding levels of *Patterns: Reading Program.*

Library Series Preprimer Level **(Blue):**

Complete Kit (24 braille books): **6-78300-00.....$135.00**

Notes for Teachers only **8-78300-00.....$7.00**

NEW **Print Edition of Preprimer Pupil's Books** (for use by parents and teachers—contains the print text of the above 24 books): **8-78301-00.....$10.00**

Library Series Primer Level **(Green):**

Complete Kit (27 braille books): **6-78310-00.....$152.00**

Notes for Teachers only **8-78310-00.....$7.50**

Library Series First Reader Level **(Yellow):**

Complete Kit (23 braille books): **6-78320-00.....$145.00**

Notes for Teachers only **8-78320-00.....$6.00**

Library Series Second Reader Level **(Brown):**

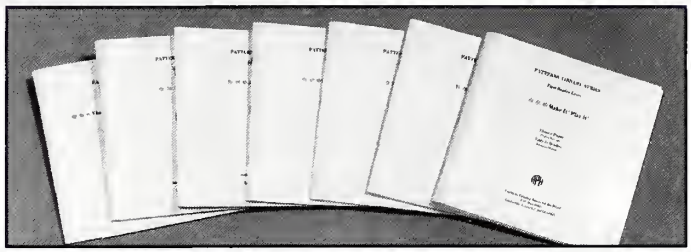
Complete Kit (23 braille books): **6-78330-00.....$132.00**

Notes for Teachers only **8-78330-00.....$10.00**

Library Series Third Reader Level **(Gray):**

Complete Kit (22 braille books): **6-78340-00.....$138.00**

Notes for Teachers only **8-78340-00.....Lower Price! $6.00**

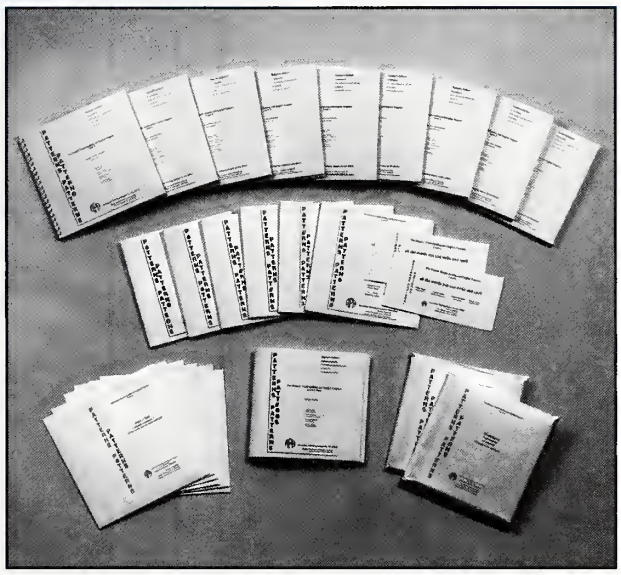


The *Patterns: Reading Program Library Series* contains many interesting and fun stories to help students practice their braille skills.

Patterns: The Primary Braille Spelling and English Program

Teach complete spelling and language skills to primary grade students who will use braille as their main writing medium with this companion program to *Patterns: The Primary Braille Reading Program.*

Patterns: Spelling and English is composed of textbooks, posttests, worksheets, and teacher's editions in print and braille. When used with the *Reading Program,* it provides a whole language approach tailored to take advantage of the strengths of the braille code. It addresses the problems of braille users who must master the braille code as well as learn to communicate in print.



***Patterns: Spelling and English,* Level A, Braille Teacher's Kit.**

Patterns: The Primary Braille Spelling and English Program is now listed in new easy-to-read charts!
Please see the following pages ➤ ➤ ➤

Patterns: The Primary Braille Spelling and English Program, continued:

- **Level A** builds on vocabulary and skills covered in the Readiness, Preprimer, and Primer Levels of *Patterns: Reading Program.* Introduces students to writing on a braillewriter, spelling in Grade 2 Braille, and English.
- **Level B** corresponds with the First Reader Level of *Patterns: Reading Program* and builds on writing, spelling, and English skills presented in Level A and introduces Grade 1 Braille spelling.
- **Level C** introduces braille writing with a slate and stylus and builds on skills covered in the previous levels. Corresponds to the Second Reader Level of *Patterns: Reading Program.*

Coming Soon

Level D corresponds with the Third Reader Level of *Patterns: Reading Program.* It introduces Grade 1 spelling of the remaining Grade 2 Braille units, short-form words, and Grade 2 spellings of difficult words. It also covers advanced braillewriting techniques.

Spelling and English: Level A (Green Lettering):	Catalog Number	Price
Print Teacher's Kit, Level A (complete kit)	6-78362-00	$71.50
Braille Teacher's Kit, Level A (complete kit)	6-78363-00	$126.50*
Level A items sold separately:		
Texts, Level A (braille only, 3 titles in one volume): ***all the words you can write and spell, All about me, All Around City and Farm***	6-78366-00	$13.50
Print Teacher's Edition, Level A	8-78364-00	$23.00
Braille Teacher's Edition, Level A (9 volumes)	6-78365-00	$86.00*
Worksheets, Level A (braille only, unbound)	6-78367-00	$10.00*
Posttest, Level A (braille only, 1 vol.)	6-78370-00	$7.50*
Posttest, Print Teacher's Edition, Level A	8-78368-00	$17.50
Posttest, Braille Teacher's Edition, Level A (1 vol.)	6-78369-00	$9.50

**New Lower Price!* • *Continued on next page*

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*Visit **www.aph.org** or call 1-800-223-1839 for more information.*

Patterns: The Primary Braille Spelling and English Program, continued:

Spelling and English: Level B (Purple Lettering):	Catalog Number	Price
Print Teacher's Kit, Level B (complete kit)	6-78371-00	$67.25*
Braille Teacher's Kit, Level B (complete kit)	6-78372-00	$134.25*
Level B items sold separately:		
Text, Level B (braille only, 2 vol.): ***Building Blocks***	6-78375-00	$20.00
Print Teacher's Edition, Level B	8-78373-00	$30.00
Braille Teacher's Edition, Level B (8 vol.)	6-78374-00	$85.00*
Worksheets, Level B (braille only, unbound)	6-78376-00	$14.00*
Posttest, Level B (braille only, 1 vol.)	6-78379-00	$6.25
Posttest, Print Teacher's Edition, Level B	8-78377-00	$10.00
Posttest, Braille Teacher's Edition, Level B (1 vol.)	6-78378-00	$9.00*

**New Lower Price!*

Spelling and English: Level C (Blue Lettering):	Catalog Number	Price
Print Teacher's Kit, Level C (complete kit)	6-78380-00	$111.00
Braille Teacher's Kit, Level C (complete kit)	6-78381-00	$160.50*
Level C items sold separately:		
Text, Level C (braille only, 2 vol.): ***Communicating***	6-78384-00	$30.00*
Print Teacher's Edition, Level C	8-78382-00	$24.00
Braille Teacher's Edition, Level C (8 vol.)	6-78383-00	$85.00
Worksheets, Level C (braille only, unbound)	6-78385-00	$30.00*
Posttest, Level C (braille only, 1 vol.)	6-78388-00	$7.50
Posttest, Print Teacher's Edition, Level C	8-78386-00	$19.50
Posttest, Braille Teacher's Edition, Level C (1 vol.)	6-78387-00	$8.00*

**New Lower Price!* • *Continued on next page*

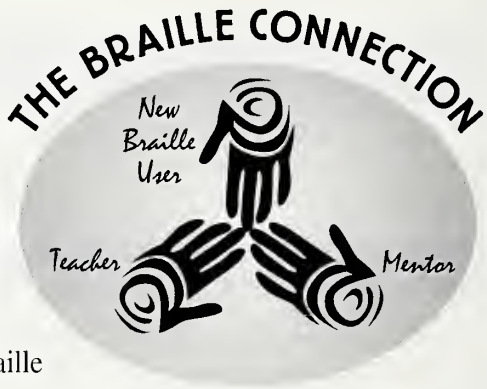
Coming Soon

Patterns: The Primary Braille Spelling and English Program, continued:

Spelling and English: Level D (Purple Lettering):	Catalog Number	Price
Print Teacher's Kit, Level D (complete kit)	6-78389-00	$TBA
Braille Teacher's Kit, Level D (complete kit)	6-78390-00	$TBA
Level D items sold separately:		
Text and Glossary, Level D (braille only): ***Digging Deeper***	6-78393-00	$TBA
Print Teacher's Edition, Level D	8-78391-00	$TBA
Braille Teacher's Edition, Level D	6-78392-00	$TBA
Worksheets, Level D (braille only)	6-78394-00	$TBA
Posttest, Level D (braille only)	6-78397-00	$TBA
Posttest, Print Teacher's Edition, Level D	8-78395-00	$TBA
Posttest, Braille Teacher's Edition, Level D	6-78396-00	$TBA

NEW

The Braille Connection



APH introduces *The Braille Connection: A Braille Reading and Writing Program for Former Print Users,* that is designed to teach former adult and teenage print readers how to read braille, and how to adapt it to their lives.

This program is the result of a joint collaboration of the American Printing House for the Blind (APH) and the National Federation of the Blind (NFB). It moves quickly through tactual discrimination; on to Grade 1 Braille, which corresponds to print; and then through Grade 2 Braille, the standard code for braille books and magazines.

Note: The instructional program is designed to be used under the supervision of a qualified braille teacher. *The Braille Connection* is partially based on material from APH's *Read Again* program and NFB's *McDuffy Reader. The Braille Connection* contains braillewriting exercises and other material that is not included in *Read Again.*

Braille Connection Kit: Print: 7-11100-00.....Lower Price! $95.00 • **Braille:** 5-11100-00....Lower Price! $145.00

Items Available Separately:

Teacher's Edition: Print: 7-11101-00.....Lower Price! $35.00 • **Braille:** 5-11101-00.....$60.00

Student Workbook: Grade 1 Braille: 5-11103-00.....$14.50 • **Grade 2 Braille:** 5-11104-00.....$25.00

Student Practice Book: Grade 1 Braille: 5-11105-00.....$16.00 • **Grade 2 Braille:** 5-11106-00.....$18.00

Mentoring Manual: Print: 7-11102-00.....Lower Price! $5.00 • **Braille:** 5-11102-00.....$7.50

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Braillewriting Dot by Dot

Innovative program designed to provide instruction in writing braille with either a braillewriter or a slate and stylus.

Most programs teach individuals to *read* braille; this kit focuses on beginning *writing* skills. Dot by Dot is appropriate for adventitiously blind children or adults, congenitally blind elementary students, or congenitally blind adults wanting to learn a new method of braillewriting.

Components of Dot by Dot:

- ✓ **Teacher's Manual** with ten basic lessons in each writing method and three "Beyond the Basics" lessons
- ✓ **Exercise Cassette** allows students to do dictation exercises independently
- ✓ **Alphabet Etc.**—a braille reference sheet

The relationship between braille reading and each method of writing is demonstrated:

- For the slate and stylus—**Peg Slate** (see page 80) **and Big Cell,** a plastic device that lets students explore the shape of a braille cell on a slate and locate dot positions with their fingers (both are included with Dot by Dot)
- For the slate and the braillewriter—**Swing Cells** (NOT included with Dot by Dot—see page 80)

Braillewriting Dot by Dot comes in two versions: a Print Kit (with print Teacher's Manual) and a Braille Kit (with braille Teacher's Manual).

Recommended Ages: 9 years–adult.

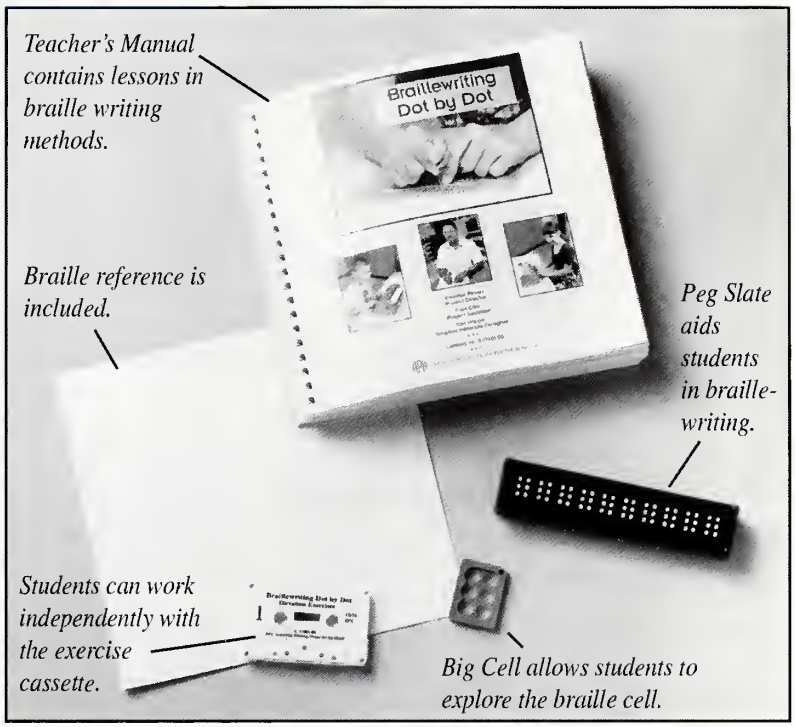
Braillewriting Dot by Dot Kit:

Braille:

5-17400-00.....New Lower Price! $46.00

Print:

7-17400-00.....New Lower Price! $35.00



Braillewriting Dot by Dot helps students develop braille writing skills. Kits are available in Braille (pictured) and Print.

Items available separately:

Teacher's Edition:

Braille: 5-17401-00.....Lower Price! $18.50

Print: 7-17401-00.....Lower Price! $18.00

Exercise Cassette: C-17401-00....$2.50

Peg Slate: 1-08830-00.....Lower Price! $16.00

Big Cell: 1-08820-00.....$5.00

Alphabet Etc.: 5-17402-00.....$2.50

Need Accessible Media Products?

• Braille

• Large Type

• Audio Cassettes

APH Can Custom Make Them for You!

For a free estimate on your project

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Read Again: A Braille Program for Adventitiously Blinded Print Readers

Note: *Read Again* is an older program which has been replaced by *The Braille Connection* (see previous page). It is listed here for those who might need replacement items for students currently using *Read Again.*

Read Again: A Braille Program for Adventitiously Blinded Print Readers:

Braille Teacher's Kit (braille ***Teacher's Edition,*** two braille copies of ***Levels A-I*** student materials, and recorded instructions for ***Levels A*** and ***B***)
6-03700-00.....$219.00

Print Teacher's Kit (**print *Teacher's Edition, Levels A-I*** braille student materials, and recorded instructions for ***Levels A*** and ***B***)
6-03730-00.....$122.00

Read Again items available separately:

Brailled student materials, *Levels A-I*
6-03711-00.....$87.00

Brailled readiness materials, *Level A* only
6-03710-00.....$7.00

Brailled Grade 1 materials, *Levels B* and ***C*** only **6-03712-00.....Lower Price! $29.00**

Brailled Grade 2 materials, *Levels D-I* only
6-03713-00.....$52.00

Braille Teacher's Edition (information on all student materials and instructions for exercises) **6-03720-00.....$129.00**

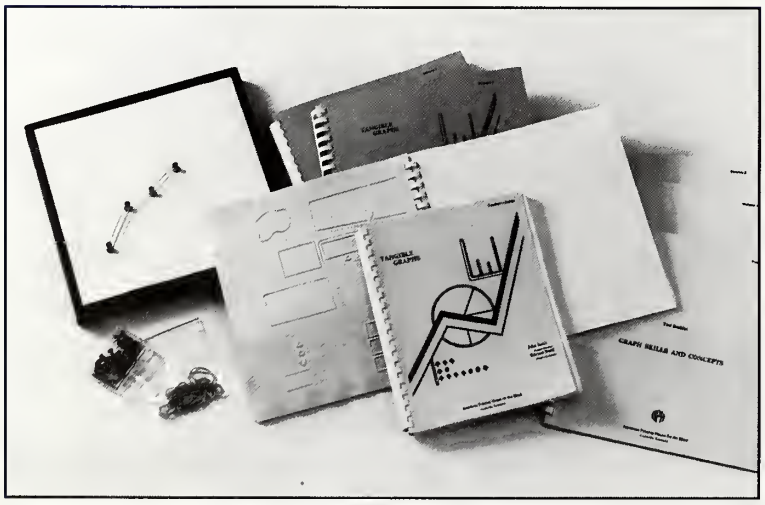
Print Teacher's Edition (information on all student materials and instructions for exercises) **8-03720-00.....$34.50**

Recorded instructions for *Levels A* and ***B***
C-03700-00.....$2.50

Tangible Graphs

Teaches tactile graph reading. It includes:

- ✓ A three-volume braille student text
- ✓ A two-volume braille student graph test
- ✓ Five sets of braille graph test answer sheets
- ✓ A regular print teacher's guide to the student text
- ✓ A regular print teacher's guide to the graph test



Cork board, five sets of embossed graph sheets, push pins, and rubber bands are included for student graph construction.

Recommended ages: 8 years and older.
1-08860-00.....New Lower Price! $165.00
Quantity discount available! See "How to Order" in center.

Items available separately:

Braille Graph Test Answer Sheets (five braille sets) **6-39520-00.....$12.00**

Print Teacher's Guide 8-39530-00.....$37.50

Embossed Graph Sheets for Cork Board
6-39510-00....$3.00

Students learn how to read pictographs, bar graphs, circle graphs, and line graphs with the Tangible Graphs program.

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

The Good Tactile Graphic: A Two-Tape Video Presentation and Booklet

Introducing *The Good Tactile Graphic,* APH's two-tape video presentation and booklet that helps braille transcribers of all skill levels design clear and meaningful tactile graphics. These tapes offer a wealth of information woven into the story of an angel who desperately needs tactile graphics showing him how to operate his wings.

From tape one, *The Good Tactile Graphic:*

(Transcriber) "What makes the difference between a good tactile graphic and a bad tactile graphic?"

(Angel) "A good tactile graphic is characterized by four things.

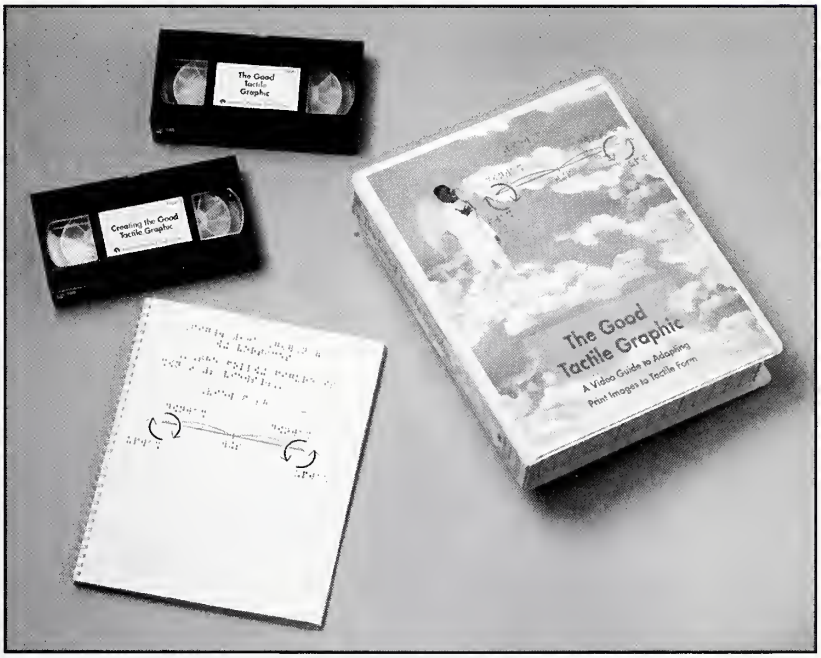
"It can be read with ease. It fully communicates the author's intended message. It is well suited to its intended audience. And it never compromises tactual quality for visual attractiveness."

From tape two, *Creating the Good Tactile Graphic:*

(Expert) "So, you want pointers on the process of creating a good tactile graphic...The broad outline is: 1. Gather critical information. 2. Plan your adaptation. 3. Produce your tactile graphic. 4. Test your work. 5. Educate your touch."

Booklet Provides Guidelines and Examples

The booklet that accompanies these two videotapes provides specific guidelines for the design of tactile graphics which expand on those mentioned in the videos. It also provides further resources for creators of tactile graphics. In addition, it contains actual samples of some of the tactile graphics depicted in the videos.



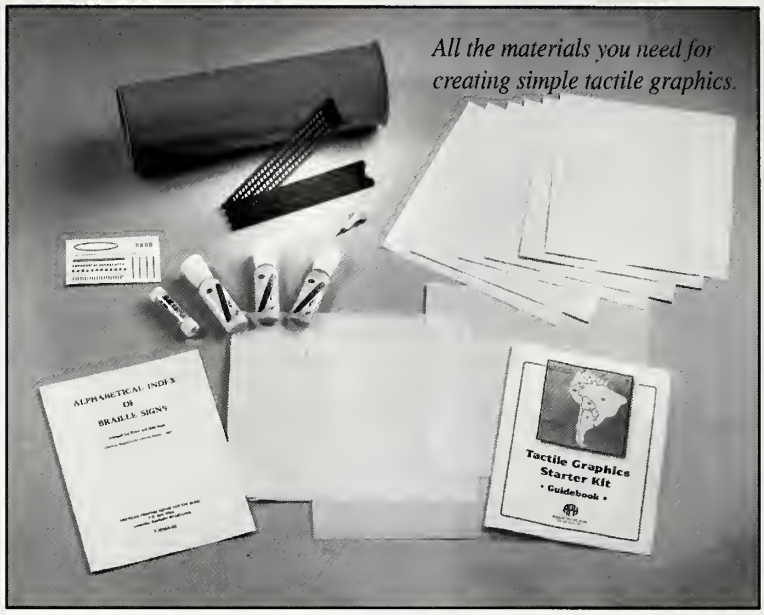
Included Items

The Good Tactile Graphic kit includes two VHS videotapes, *The Good Tactile Graphic* (20 minutes) and *Creating the Good Tactile Graphic* (25 minutes). The videos and booklet fit an included storage binder with a full-color cover.

The Good Tactile Graphic: 1-30006-00.....$59.00

Guidelines, Resources, and Samples (booklet only): **7-30006-00.....$14.50**

Tactile Graphics Starter Kit



All the materials you need for creating simple tactile graphics.

Intended for those who have little or no practical experience in making tactile graphics, allowing you to make a variety of graphic displays. It is ideal if you need only a limited number of tactile displays.

You can use the TGSK to create maps of countries and continents, bar graphs, pie charts, and illustrations for anything from children's books to anatomical charts.

Print Manual describes how to use the materials contained in this kit, in addition to giving brief guidelines for designing tactile graphics based on research showing what is effective for blind and visually impaired students.

Tactile Graphics Starter Kit contains:

- ✓ **Three Bottles of Craft Ink** to draw thin raised lines using the bottle's applicator
- ✓ **Tactually Discriminable Fabrics and Patterns**
- ✓ **Paper Point Symbols** that may be cut out and glued to a graphic
- ✓ **Alphabetical Index of Braille Signs** for reference in making braille labels for your tactile graphics
- ✓ **Slate and Stylus** for use in making braille labels
- ✓ **Print Manual** with information on general rules for making tactile graphics, samples of good and bad graphics, a bibliography, and more

Tactile Graphics Starter Kit:
1-08839-00...$29.00

Manual for Tactile Graphics Starter Kit only (regular print)
8-08839-00.....$5.00

Learn how to make easy-to-use maps, graphs, charts, and more with the Tactile Graphics Starter Kit.

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Tools and other components allow you to make custom tactile graphic masters.

Tools for making lines, areal patterns, and points help you create custom tactile graphic masters. Braille slate and stylus, aluminum foil, and guidebook are included in the Tactile Graphics Kit.

Tactile Graphics Kit

Contains tools and materials for constructing master tactile graphic displays of all types: maps, graphs, diagrams, charts, etc. Masters are constructed from heavy gauge aluminum foil (also available separately) and can be reproduced on a vacuum-form machine.

Tools in the kit allow for constructing seven kinds of points, seven kinds of lines, and four areal patterns. Comes with a detailed guidebook.

Recommended ages: 14 years and older.
1-08840-00.....$252.00

Tactile Graphics Guidebook only:
8-39100-00.....$30.00

Produce your tactile graphic master on Aluminum Diagraming Foil for multiple copy reproduction.

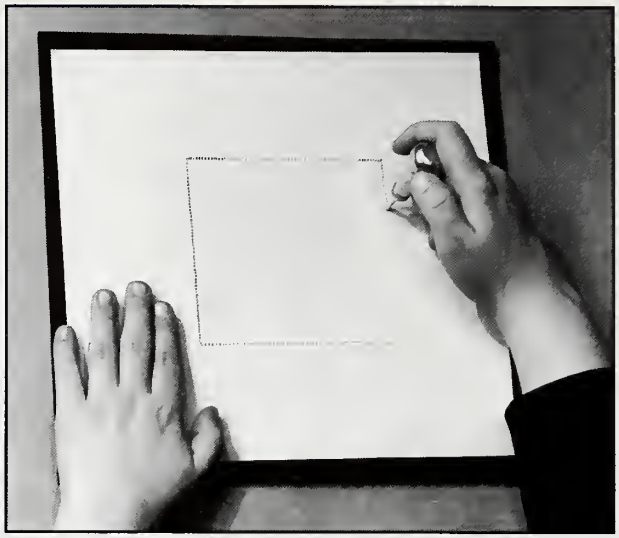
Choose aluminum diagraming foil in sheets or rolls for producing tactile graphic masters.

Aluminum Diagraming Foil for Use with Tactile Graphics Kit

Foil is used for creating masters of raised-line drawings. Masters can then be used to produce multiple copies of the drawings on a vacuum-form machine.

The foil is sprayed on one side with flat, off-white paint which readily accepts pencil or ink. It is .005 inch thick and is available in roll or sheet form. Aluminum Roll is 11 inches wide and approximately 150 feet long. Sheets measure 11 x 11 inches. 30 sheets per package.
Roll 1-04120-00.....New Lower Price! $48.00
Sheets 1-04090-00.....New Lower Price! $14.00

Swail Dot Inverter

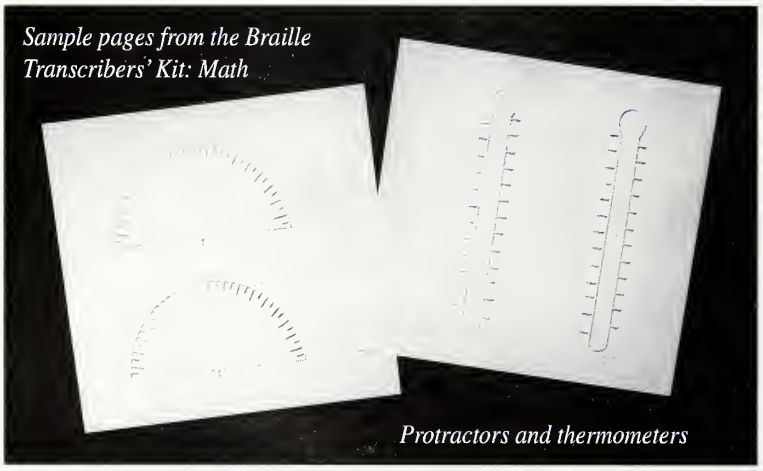


Designed for embossing single dots, the Swail Dot Inverter is used to construct simple charts, diagrams, graphs, and maps.

It includes a special metal stylus and a 12 x 12 inch rubber pad. Braille paper is placed on top of the pad for embossing. Special stylus allows dots to be embossed up towards the user by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke (leaves an undetectable hole in the dot). Replacement Rubber Pad can be ordered separately.

Recommended ages: 5 years and older.
1-03610-00.....New Lower Price! $30.00

Replacement Rubber Pad:
1-03620-00.....New Lower Price! $8.25



Braille Transcribers' Kit: Math

This collection of embossed drawings of figures frequently occurring in elementary textbooks can help you transcribe math books.

The included master sheets contain five each of the following raised-line drawings: rulers, number lines, protractors, unlabeled thermometers, and clock faces. The embossed master sheets can be thermoformed to provide multiple copies of figures. The figures are embossed on white braille paper measuring 11 1/2 x 11 inches.
1-04100-00.....$10.00

Other tactile graphics-related items in this catalog:

- Tangible Graphs—see Literacy: Braille Instruction, Language Arts

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

APH InSights Large Type / Braille Art Calendar, 1999-2000

This beautiful full-color 16 month calendar (September, 1999—December, 2000) features the artwork of visually impaired artists. Suitable for low vision or blind students and adults or anyone who enjoys unique artwork!

Months, days, holidays, and moon phases appear in both braille and large type. This calendar can be used at a desk or hung on a wall and is ring bound to allow pages to be folded over easily.

Makes a Great Fund-Raiser

APH InSights art calendars can be purchased in quantities at a special price for fund-raising projects by clubs, organizations, schools, etc.! Your group's name can be printed on a special version of the cover of the calendar, increasing your group's visibility in the community. Both the English and Spanish Editions are available as fund-raisers. Fund-raising questions and orders should be directed to APH's Contract Administration Office, 1-800-223-1839.

This artwork, entitled *Sky City* by John Caperton, Jr., appears in full color in the new art calendar.

Recommended Ages: 4 years and up.

Single copy, *APH InSights Calendar 99-00:*

English Edition: 5-18971-00.....$6.50

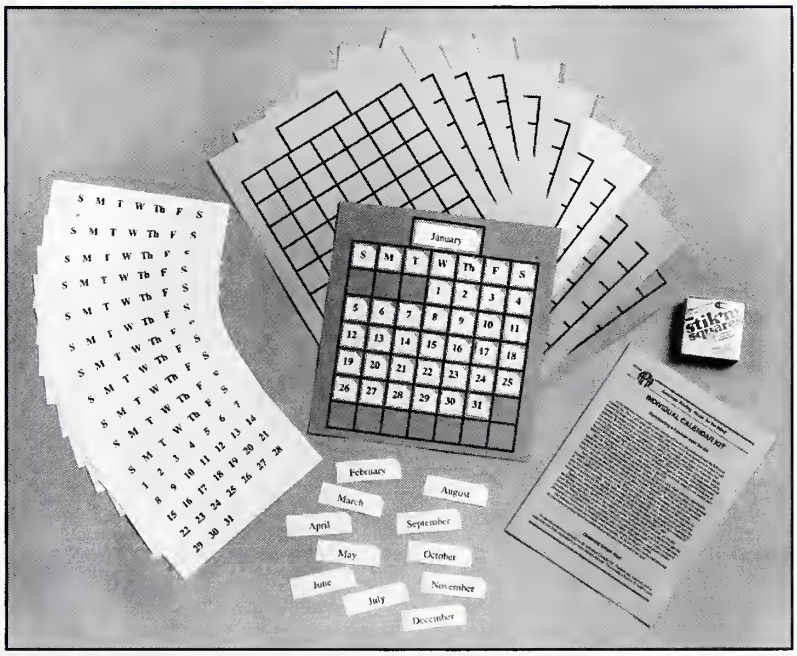
Spanish Edition: 5-18973-00.....$6.50

Note: The APH InSights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fund-raising purposes MAY NOT be purchased with Federal Quota funds.

Individual Calendar Kit

Students can experience the fun and challenge of creating paper calendars with this kit. Individual Calendar Kit includes:

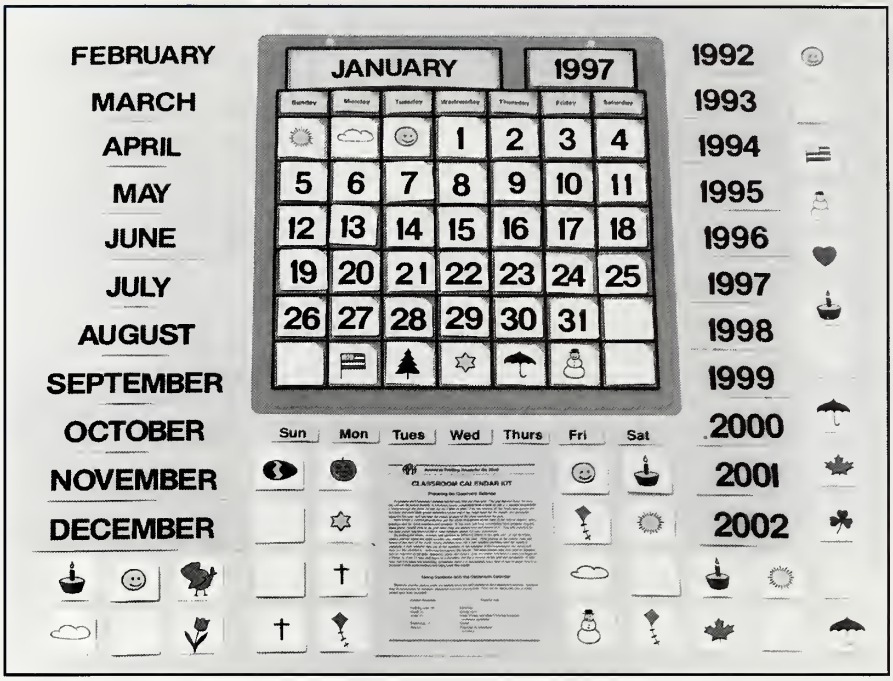
- ✓ Twelve brightly colored embossed/bold line grid sheets, one for each month
- ✓ White paper labels showing the month, days of the week, and days of the month
- ✓ Labels marked in both large type and braille, with the top right corner cut for ease of orientation
- ✓ Consumable: Calendars can be taken home or can be saved in a notebook as a reference



Recommended ages: 4 to 10 years.

1-18971-00.....New Lower Price! $14.00

Classroom Calendar Kit



Introduce sighted and blind children to concepts such as using a calendar for measuring time, tracking from left to right and moving from top to bottom, recording weather observations, recognizing and sequencing numerals, and the awareness of holidays and special days.

This is a large visual/tactile wall calendar which uses removable plastic labels to depict one month. Other features include:

- ✓ Blue plastic grid, with raised grid lines printed in black
- ✓ High-contrast labels, with braille embossed in the upper left corner and an upper right corner cut for orientation
- ✓ Yellow plastic labels for the year, month, and days of the week and white plastic labels containing numerals 1-31
- ✓ Two sets of days of the week labels (one has full spellings and the other is abbreviated)
- ✓ Brightly colored and embossed holiday and weather symbols

Recommended ages: 4 to 10 years.
1-18970-00.....$55.00

Other calendar-related items in this catalog:

- MasterPlan Calendar—see Low Vision
- Preschool Activities Calendar—see Early Childhood

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Our wide selection of writing products includes: longhand writing instruction, braille slates, braille paper, paper for low vision use, and notebooks.

Make manuscript and cursive handwriting instruction easier with these special teaching tools.

Freund Longhand Writing Kit

Helps students learn longhand (cursive) writing. It includes an embossed workbook for practicing the cursive alphabet, a Tactile Marking Mat (also available separately), a pad of 100 sheets of embossed paper (lines one inch apart) for use with the Tactile Marking Mat, and a detailed teaching manual in both regular type and braille. Recommended ages: 8 years and older.

Freund Kit: 1-03330-00.....$57.00

Items available separately:

Teacher's Manuals:

Braille 5-73970-00.....$20.00

Print 7-73970-00.....$3.00

Longhand Writing Paper (100 sheet pads):

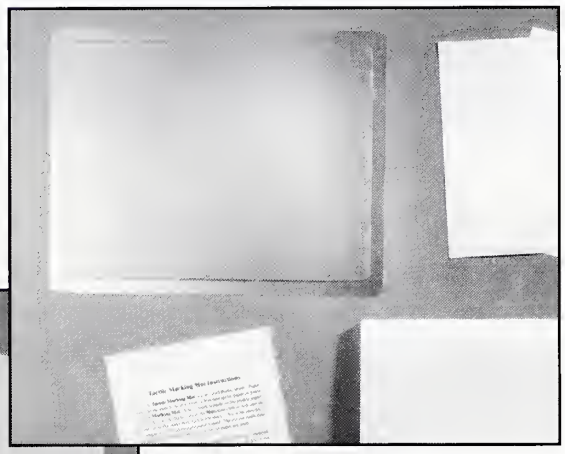
Embossed 1-03340-00.....$13.50

Plain 1-03270-00.....Lower Price! $4.75

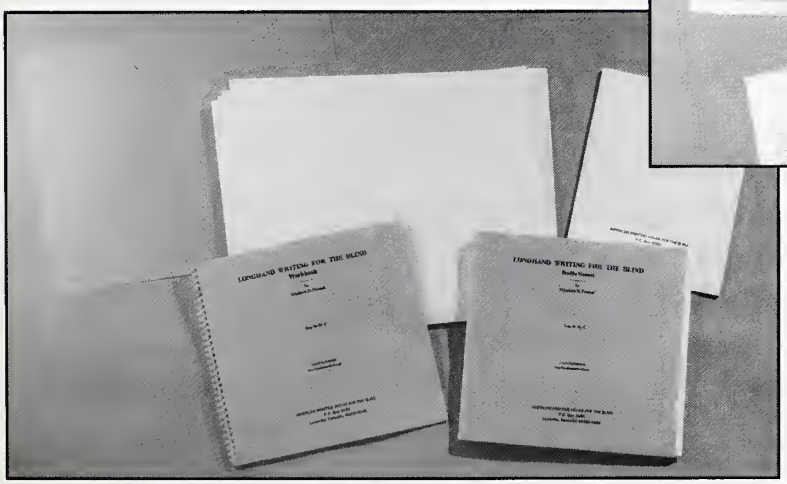
Tactile Marking Mat

A 17 x 13 1/2 inch textured plastic sheet to be used in conjunction with soft paper for freehand writing. Paper clips can be used to hold a sheet of Freund Longhand Writing Paper or a sheet of thin newsprint on the mat. Mat's texture causes wax crayon marks to be tactile, making it ideal for marking, drawing, practicing handwriting, and creating geometric shapes or simple diagrams. Comes with 100 sheets of embossed paper, and instructions in print and braille. Recommended ages: 3 years and up.

Tactile Marking Mat: 1-03331-00....$23.50



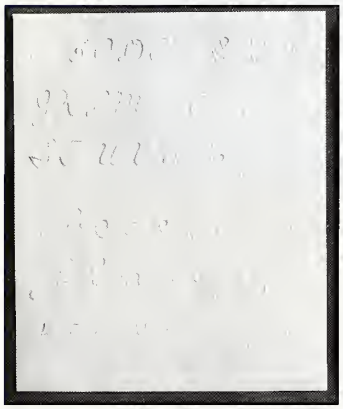
Tactile Marking Mat can be ordered separately; it comes with a pad of embossed paper and instructions.



The Freund Longhand Writing Kit teaches cursive writing skills.

Script Letter Sheet and Board

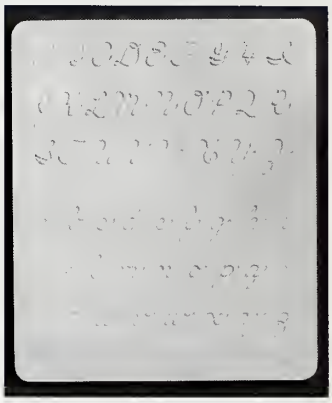
Students can explore and trace upper and lower case letters, about 3/4 inch high, with these two related products, sold separately. Recommended ages for the sheet and board: 10 years and older.



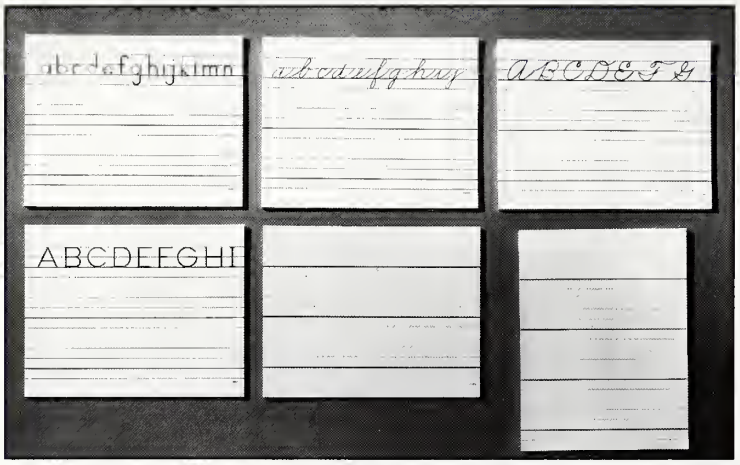
Script Letter Sheet:

Sheet presents a tactile version of script (cursive) letters. Set of letters is embossed on a sheet of white braille paper measuring 9 1/2 x 11 1/4 inches. Sold in packs of 100 sheets.
1-04041-00.....$12.00

Script Letter Board:



Use a pencil or pen to trace the incised script (cursive) letters in this white plastic board, which measures 9 5/8 x 11 1/4 x 1/8 inches. Rubber pads on the back help to keep the board from slipping.
1-04060-00.....Lower Price! $7.00



Beginner's Writing Paper

Special paper allows students to learn and practice manuscript and cursive writing. Top row of each sheet is printed with a sample alphabet, followed by bold lines for writing practice. Beginner's Writing Paper is a white stock measuring 11 x 8 1/2 inches printed with black ink and is padded. Plain Beginner's Writing Paper (without the alphabet) is available in two line sizes, 8 1/2 inch and 11 inch. Recommended ages: 5 years and older.

Beginner's Writing Paper:
Padded, 100 sheets:

Upper Case Cursive 1-04890-00.....$9.00

Lower Case Cursive 1-04900-00.....$9.00

Upper Case Manuscript 1-04910-00.....$9.00

Lower Case Manuscript 1-04920-00.....$9.00

Plain Beginner's Writing Paper (approximately 500 sheets per package):

8 1/2 Inch Lines:
1-04731-00.....Lower Price! $15.00

11 Inch Lines:
1-04741-00.....Lower Price! $15.00

Embossed Pencil Writing Paper

Paper provides heavy raised lines to guide blind and visually impaired students and adults in handwriting. Up to 22 lines can be written on each sheet. Paper measures 8 3/4 x 10 1/2 inches and comes in pads of approximately 165 sheets.
1-04560-00 .....Lower Price! $12.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

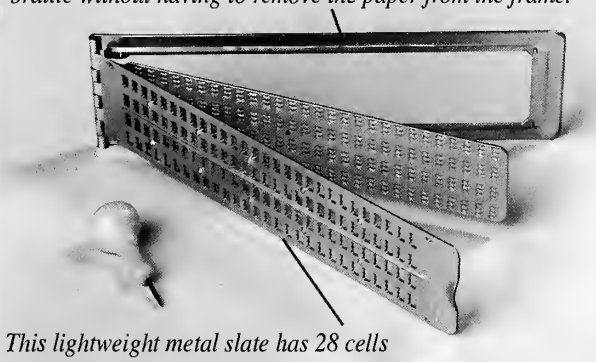
APH offers a wide variety of slates and other unique devices for writing braille and print. See next page ➤➤

Slates, Styluses, and Erasers

Note: All slates include a Large-Handled Stylus, except Janus, which includes a Saddle-Shaped Stylus. See next page for complete listing and prices. Recommended ages for all slates: 6 years and up.

Brown Slate and Stylus: 1-00170-00 ▼

The back of this slate can be opened to allow for reading the braille without having to remove the paper from the frame.



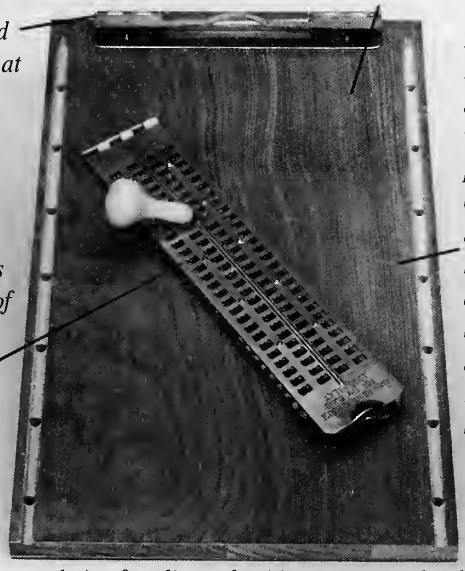
This lightweight metal slate has 28 cells per line and measures 8 3/8 x 2 1/4 inches.

27 Cell Desk Slate: 1-00060-00 ▼

Wood board is a stiff, flat writing surface.

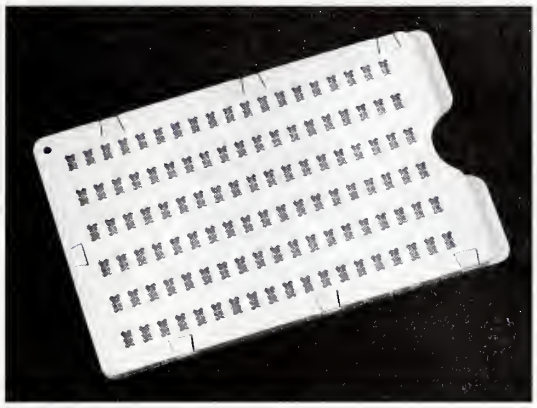
Hinged clamp at top of board holds paper.

Slate is made of heavy-duty metal.



Pegs on back of slate (not visible in picture) correspond to holes along both sides of the board.

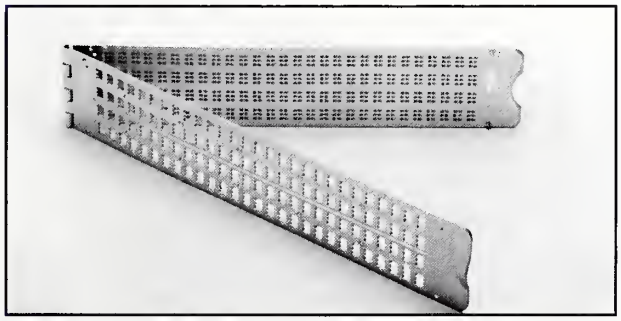
After completing four lines of writing, you open the slate and move it down the board into the next set of holes, and continue writing up to 28 lines!



Janus Interline Slate: 1-00050-00 ▲

This unique 11 line slate, with 19 cells per line, allows you to write on both sides of a standard 3 x 5 inch index card without having to remove the paper. It is closed on three sides, and one of the 3 inch sides is open and notched for easy insertion of the index card. A small hole in one corner of the slate allows you to attach a stylus and keep both tools together. Made of durable plastic.

Note: The Janus Slate you receive may be black rather than the white pictured here.



Interpoint Pocket Slate: 1-00081-01 ▲

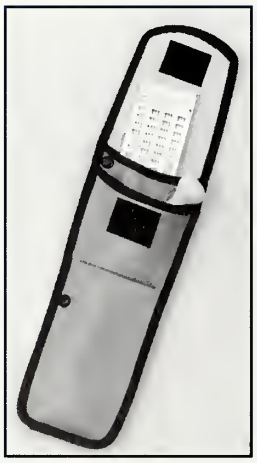
This slate lets you write on both sides of the paper. When the hinged plates are closed on a sheet of paper, four pins punch upward through the sheet to hold it in place. Two holes are located in the upper left and right corners of the top plate—punch downward with a stylus through these holes to create registration holes in the paper. When you are done writing on the front, turn the sheet over and align it using the registration holes. Registration holes are offset to ensure that embossing on the back does not interfere with the braille on the front.

Slates, Styluses, and Erasers Chart

(One large-handle stylus is included with each slate.)

	Description	Size in Inches	Catalog No.	Price
Slates:				
Janus Interline Slate	19 Cell, Plastic	5 1/2 x 3 1/2	**1-00050-00**	**$5.00**
Desk Slate, 41 Cell	Heavyweight Metal/Wood	10 1/4 x 12 1/4	**1-00030-00**	**$65.00**
27 Cell	Heavyweight Metal/Wood	7 x 12 1/4	**1-00060-00**	**$63.00**
Brown Slate	28 Cell, Lightweight Metal	8 3/8 x 2 1/4	**1-00170-00**	**$41.00**
Correcting Slate, No Pins	38 Cell, Heavyweight Metal	11 1/4 x 1 3/4	**1-00130-00**	**$30.00**
Pins Up	38 Cell, Heavyweight Metal	11 1/4 x 1 3/4	**1-00190-00**	**$38.00**
Pocket Slate, Interpoint	28 Cell, Lightweight Metal Slotted for Labeling Tape	8 1/4 x 1 3/4	**1-00081-01**	**$12.00***
Pins Down	28 Cell, Lightweight Metal	8 1/4 x 1 3/4	**1-00090-00**	**$25.50**
Pins Up	28 Cell, Plastic	8 1/4 x 1 3/4	**1-00080-00**	**$6.00**
Pins Up	28 Cell, Heavyweight Metal Slotted for Labeling Tape	8 1/4 x 1 3/4	**1-00160-00**	**$19.00***
Postcard Slate, Interpoint	19 Cell, Lightweight Metal	6 x 1 3/4	**1-00110-00**	**$30.00**
Pins Up	19 Cell, Lightweight Metal	6 x 1 3/4	**1-00180-00**	**$30.00**
Styluses (all have a metal point):				
Large Handle	Wooden, Side of Handle is Flat	2 3/8 x 7/8	**1-00200-00**	**$2.50**
Small Handle	Wooden	1 7/8 x 3/4	**1-00220-00**	**$2.50**
Saddle-Shaped	Plastic, Concave "Dip" in Handle	2 5/8 x 1 1/4	**1-00120-00**	**$2.50**
Braille Erasers:				
Wooden		2 1/2 long	**1-00270-00**	**$3.00**
Plastic	One Broad, One Narrow End	5 long	**1-00280-00**	**$2.50**

**Lower Price!*



SlateHolder

Do you have too much gear and too few hands? This rugged vinyl carrying case will hold any APH Pocket or Postcard Slate. A second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Features a belt loop, and holes to fit a 3-ring binder. Measures approximately 3 1/2 x 9 inches when closed.

Slates and styluses sold separately.

1-00082-00.....$4.50

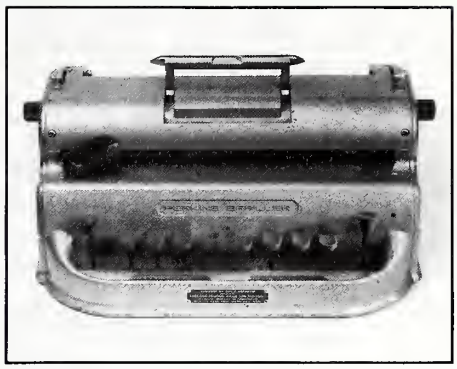
Saddle-Shaped Stylus

Designed to provide a more comfortable grip. Your index finger rests in a concave "dip" in the top of the handle. Plastic-handled stylus with a metal point. Measures 2 5/8 x 1 1/4 inches.

1-00120-00.....$2.50

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

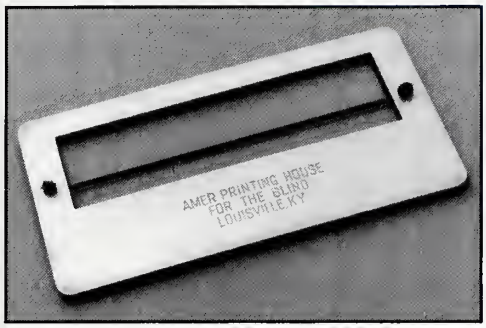
Other Equipment



Perkins Brailler (for Quota purchases only)

Classic machine is a precision-made, all-purpose brailler which will accommodate paper up to 11 1/2 x 14 inches. Capable of embossing 25 lines of 41 cells on 11 1/2 x 11 inch braille paper. Framework is made of aluminum with a baked enamel finish, while keys, knobs, and carriage are made of high-impact plastic.
1-00850-00.....New Lower Price! $725.00

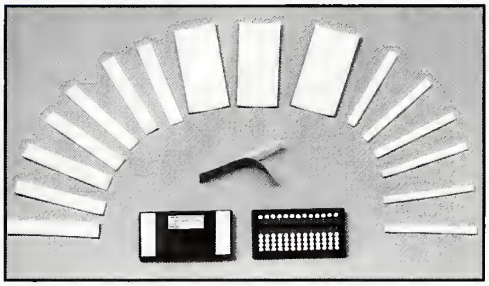
Note: THE PERKINS BRAILLER IS AVAILABLE FROM APH USING FEDERAL QUOTA FUNDS ONLY. *If you are an individual interested in this brailler, please contact: Howe Press / 175 N. Beacon St. / Watertown, MA 02172 / 617-924-3434.*



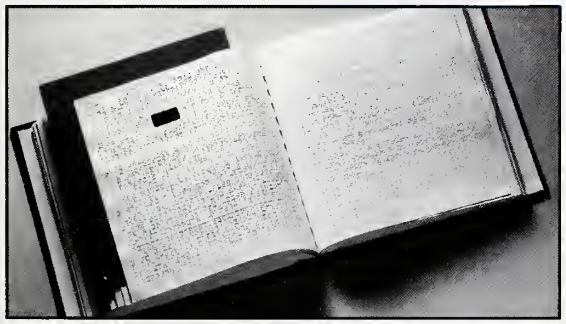
APH Signature Guide

Aluminum frame measuring 4 1/2 x 2 1/4 inches with rubber backing to prevent slipping. Aids people who are visually impaired in writing their signatures. Frame has a rectangular opening with an elastic band; the band provides a guide for writing and flexes to allow for the descenders of letters. Recommended ages: 8 years and older.
1-03530-00.....$5.00

APH Friction Pad Kit



Three assorted sizes of self-adhesive, plastic foam strips. Strips are designed for easy application to the bottom of devices such as abacuses or desk slates, which tend to slip while in use. Strips also reduce noise and prevent the marring of surfaces. *Abacuses sold separately.*
1-03190-00.....$15.00



Stokes Braille Place Holder

Simple device marks the spot where you stop reading on a braille page. Consists of a sheet of brightly-painted metal measuring 11 x 9 1/2 inches and a strip of magnetic plastic. Metal sheet slips under the braille page and the magnetic strip is placed at the last line read.
1-03590-00.....$14.75

Other writing equipment in this catalog:

- The Impressor Braille Business Card Embosser—see Business Products

Writing Supplies

APH gives you many choices when it comes to braille paper—and now we offer durable covers for braille documents and a special envelope for mailing and organizing your braille documents!

Covers for Braille Documents

These plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. They are 19-hole punched and may be bound with a 19-ring comb binding or twin loop binding. These covers will bind tractor-feed, manila, or Brailon® 19-hole papers available from APH.

The covers are available in two colors, a dark Royal Blue and a translucent Clear Frosted.

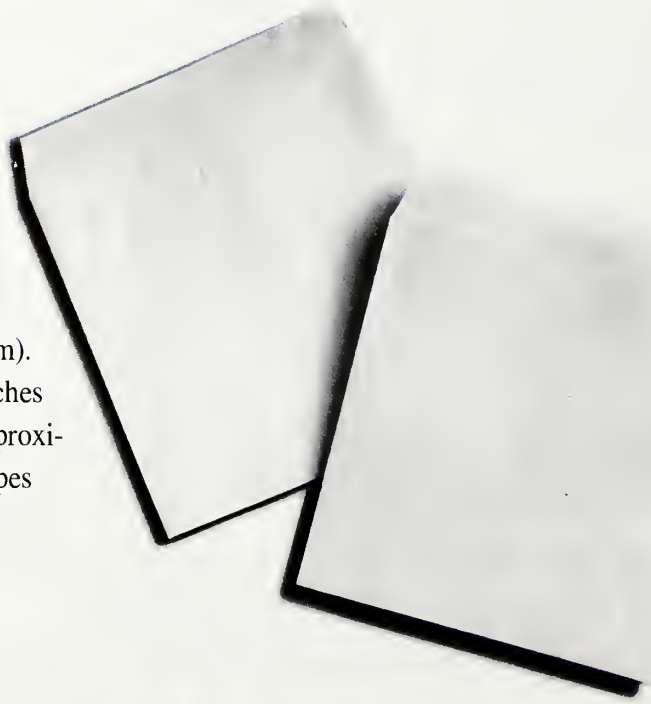
Royal Blue Covers: 1-04010-01.....$2.50/pair

Clear Frosted Covers: 1-04010-02.....$2.50/pair

Mailing Envelopes for Braille

These envelopes are designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches in size. These are white envelopes with self-sealing flaps (no need to wet them). The envelopes measure 12 1/2 x 12 1/2 inches and are blank. Each envelope will hold approximately 30 sheets of brailled paper. Envelopes come 25 to a pack.

1-04230-00.....$4.50



Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Braille Paper Chart

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines. We carry three types of paper in a variety of sizes; some are punched for use with braille binders.

Note: all sheet quantities are approximate; all sizes are in inches.

White Braille Paper

Heavyweight paper is for use with braille slates and braillers.

3 3/4 x 5 3/4	6-Hole Punch, 250 sheets	Fits in Pocket Notebook	**1-04390-00**	**$5.00***
8 1/2 x 11	Unpunched, 200 sheets	All 28-Cell Slates, except interpoint	**1-04151-00**	**$6.00**
	3-Hole Punch, 150 sheets		**1-04401-00**	**$5.00***
11 1/2 x 11	Unpunched, 150 sheets	37-Cell Slate, or Brailler	**1-04221-00**	**$6.00**
	3-Hole Punch, 110 sheets		**1-04471-00**	**$5.00***

White Fanfold Tractor-Feed Braille Transcribing Paper

Low dust. For use with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. *THIS PAPER IS AVAILABLE ON QUOTA.*

11 1/2 x 11	Unpunched, 100 #, 1000 sheets	**1-04139-00**	**$46.30**
	19-Hole Punch, 100 #, 1000 sheets	**1-04140-00**	**$46.30**

Note: APH has discontinued 80# tractor-feed braille paper.

Manila Braille Transcribing Paper

Heavyweight paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11	Unpunched, 500 sheets	**1-04530-00**	**$15.00**
	3-Hole Punch, 500 sheets	**1-04660-00**	**$20.00***
11 1/2 x 11	Unpunched, 500 sheets	**1-04540-00**	**$20.00***
	3-Hole Punch, 500 sheets	**1-04680-00**	**$22.00***
	19-Hole Punch, 500 sheets	**1-04650-00**	**$25.00***

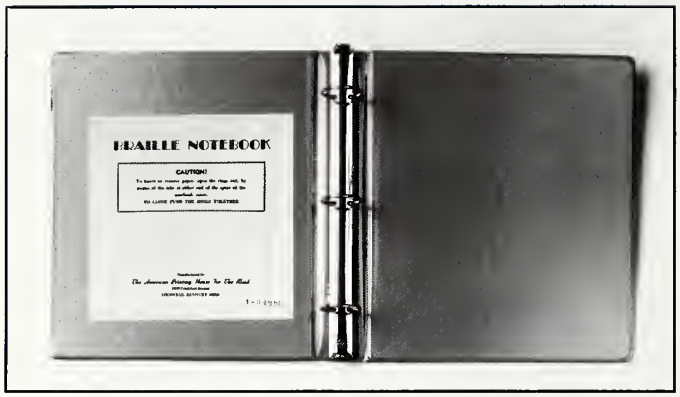
Brailon® Plastic Braille Paper ~ *Available only while supplies last!*

Special plastic paper is primarily for use with vacuum-form machines, but can also be used in a brailler. It is durable, holds impressions well, and resists liquids. *NOT AVAILABLE ON QUOTA.*

11 1/2 x 11	3-Hole Punch, 500 sheets	**1-04690-00**	**$70.25**
	19-Hole Punch, 500 sheets	**1-04630-00**	**$35.00***

**New Lower Price!*

Braille Notebooks, Binders, and Dividers



Braille Notebooks, 3-Ring

These 3-ring notebooks come in two popular sizes and are made of durable, heavy-duty board and covered with waterproof vinyl. Each binder will hold approximately 100 sheets of braille paper.

Azure Blue, for 8 1/2 x 11 inch braille paper
1-04320-00.....$6.50

AZURE BLUE NOTEBOOK NOT AVAILABLE ON QUOTA

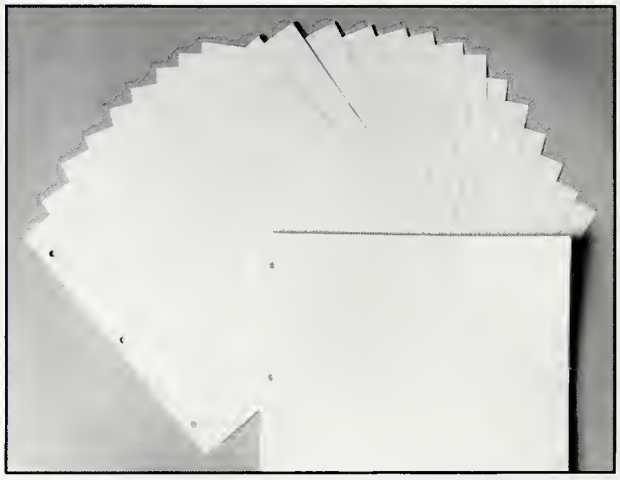
White, for 11 1/2 x 11 inch braille paper
1-04380-00.....$9.15

Dividers for Braille, 3-Hole Punch

These specially designed dividers will fit into the Azure Blue or the Green 3-Ring Braille Notebooks. They are a heavy manila stock with an extra 1/2 inch edge which can be brailled with the subject of the division. Each pack includes 15 dividers.

9 x 11 inches (for Azure Blue Notebook): **1-04225-00.....$3.25**

12 x 11 inches (for Green Notebook): **1-04226-00.....$3.50**



Pocket-Size Notebook, 6-Ring

This tough, water-resistant, 6-ring notebook is bound in imitation leather and will hold approximately 50 sheets of 3 3/4 x 5 3/4 inch braille paper (paper not included). Has a pocket designed to hold a Postcard Slate and a cloth page marking strip. Stylus can be tied to the end of the cloth strip.

1-04280-00.....New Lower Price! $5.00

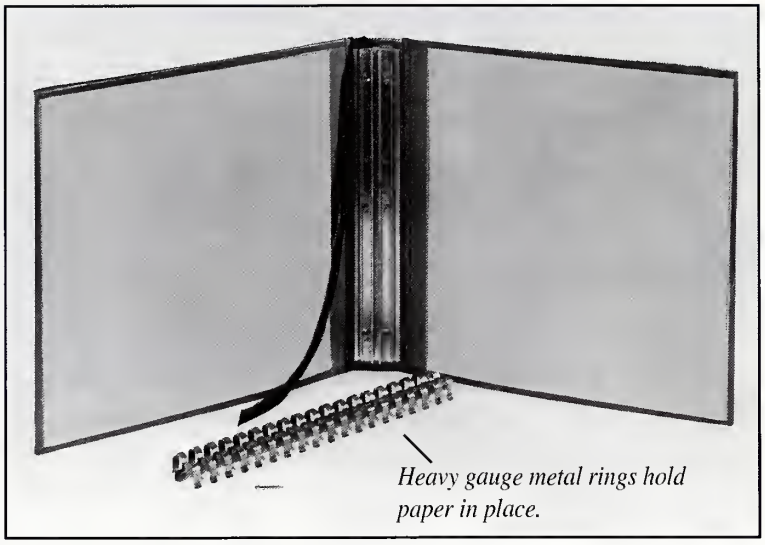
Filler Paper for Pocket Notebook (approximately 250 sheets):
1-04390-00.....New Lower Price! $5.00

Postcard Slate/Stylus and braille filler paper sold separately.

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

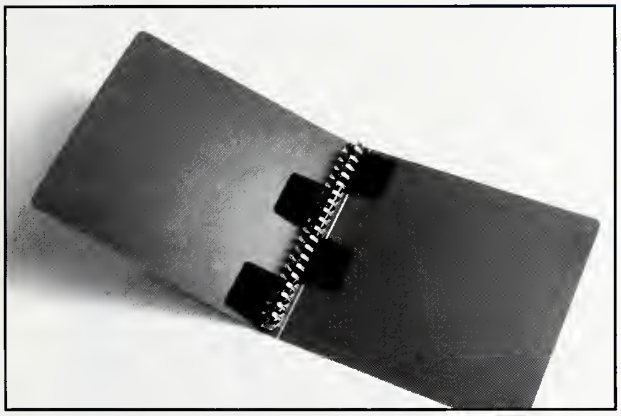
Krebs' Binders, 19-Ring

These 19-ring binders come in three sheet capacities and are made of heavy-duty board covered with water-resistant imitation leather. All three binders measure 12 x 11 1/2 inches and will hold 11 1/2 x 11 inch 19-hole punched braille paper. 19-ring binder assembly consists of a metal back plate, heavy-gauge metal rings, and a locking pin. Locking pins also sold separately.


Heavy gauge metal rings hold paper in place.

Krebs' Binders, 19-Ring:

Capacity—60 sheets 1-04240-00.....$11.50
Capacity—80 sheets 1-04250-00.....$10.30
Capacity—105 sheets 1-04260-00....$11.35
Locking Pin (pack of 120) **1-04271-00....New Lower Price! $5.00**



Loose-Leaf Binder, 19-Ring

19-ring binder with a plastic cover, designed to hold 11 1/2 x 11 inch 19-hole punched braille paper. Holds approximately 50 sheets.
1-04290-00.....$12.00

NEW

IMPROVED! Spiral Pocket Notebook

For jotting quick notes with a slate and stylus, nothing is handier than the Spiral Pocket Notebook! Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to manipulate.

Now improved to work easily with APH's Janus Slate. Notebook measures 3 1/2 x 5 inches. Sheets are perforated and measure 3 x 5 inches when removed. Sheets are now bound along the 3-inch edge so that they can be inserted into the Janus Slate without being removed from the notebook. Sold in packages of six notebooks.
1-04301-00.....$7.00

Bold Print Paper

Whether you are writing to a friend, taking class notes, or photocopying material for large print reading, we have what you need!

Note: all sheet quantities are approximate; all sizes are in inches.

NEW

Boldline Spiral Notebook

This attractive new notebook looks like the ones that students typically carry, but it has bold line paper inside. One hundred sheets of 9/16" bold line paper, 8 1/2 x 11 inches, fill this bright yellow notebook which sports a Hopi dancer on the cover.

1-04825-00.....$5.00

Bold Line Notebook Paper

Bold, black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder.

**New Lower Price!*

Padded:

8 1/2 x 11	7/16" line spacing, Unpunched, 500 sheets	**1-04791-00**	**$15.00***
	9/16" line spacing, Unpunched, 500 sheets	**1-04801-00**	**$15.00***

Loose Sheets:

8 1/2 x 11	7/16" line spacing, 3-hole Punch, 500 sheets	**1-04851-00**	**$15.00***
	9/16" line spacing, 3-hole Punch, 500 sheets	**1-04861-00**	**$15.00***

Green-Lined Writing Paper for Primary Students

Off-white paper printed with bold green lines. 300 sheets per package.

8 1/2 x 11	3/4" lines, Unpunched	**1-04831-00**	**$12.50***
	3/4" lines, 3-Hole Punch	**1-04869-00**	**$12.50***
	7/16" lines, 3-Hole Punch	**1-04872-00**	**$12.50***
11 x 8 1/2	3/4" lines, Unpunched	**1-04841-00**	**$12.50***
	3/4" lines, 3-Hole Punch	**1-04881-00**	**$12.50***

Bold Line Letter-Writing Paper

Bold, black lines printed on white paper without margin. Padded—500 sheets per pad.

8 1/2 x 11	7/16" line spacing, Unpunched	**1-04811-00**	**$15.00***
	9/16" line spacing, Unpunched	**1-04821-00**	**$15.00***

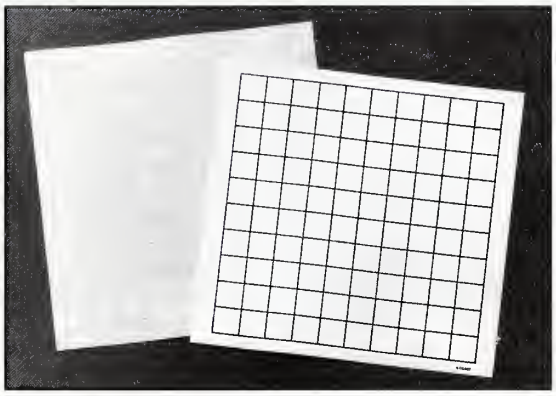
Antique Ivory Opaque Paper for Large Type

Ivory colored, unlined paper for good contrast and low eye strain—great for photocopying large type documents.

8 1/2 x 11	500 sheets	**1-04500-01**	**$18.00***
11 x 14	500 sheets	**1-04500-05**	**$20.00***
11 x 17	500 sheets	**1-04500-00**	**$25.00***

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Graph Sheets and Progress Charts



Grid patterns for low vision or blind users. Bold-line sheets have thick unit line (3/100" wide) and sub-unit lines half as wide. *Bold-line graph sheets are sold 100 sheets per package.* Embossed sheets have solid line coordinate axes and braille dot grids on manila paper. *Embossed graph sheets and progress charts are sold 50 sheets per package.*

Squares	Grid	Details	Bold-Line	Embossed
8 1/2 x 11:				
1/4"	31 x 40		**1-04062-00...$10.00**	**Not Available (NA)**
1/2"	15 x 20	Coordinate Axes	**1-04061-00...$10.00**	**1-04052-00...$10.50**
1/2"	15 x 20	For Bar Graphs	**1-04063-00...$5.45**	**1-04053-00...$10.50**
3/4"	10 x 13		**1-04064-00...$5.45**	**1-04054-00...$10.50**
1"	7 x 10		**1-04065-00...$5.45**	**1-04055-00...$10.50**
11 1/2 x 11:				
1/2"	19 x 20		**1-04067-00...$6.50**	**1-04056-00...$10.50**
1/2"	18 x 21	1" margin on 3 sides	**NA**	**1-04059-00...$10.50**
3/4"	13 x 13		**NA**	**1-04057-00...$10.50**
1"	10 x 10		**1-04069-00...$11.25**	**1-04058-00...$10.50**
Progress Charts (vertical axis = % of correct answers, horizontal axis = exercises 1-15):				
Braille	16 x 15	11 1/2" x 11"	**NA**	**1-04050-00...$5.50**
Large Type	16 x 15	8 1/2" x 11"	**1-04073-00...$6.50**	**NA**

Low-Relief Embossed Graph Sheets

Suitable for teachers and transcribers to use for making charts and graphs that require a grid. Grid is embossed on 80 pound braille paper measuring 11 1/2 x 11 inches with margins and comes in three varieties. 25 sheets per package.

Squares	Grid		
1/2"	19 x 19	**1-04047-00**	**$4.00**
5/8"	15 x 15	**1-04048-00**	**$4.00**
3/4"	13 x 13	**1-04049-00**	**$4.00**

Other products related to writing supplies in this catalog:

- Beginner's Writing Paper and Embossed Pencil Writing Paper—see Writing Instruction

Learn the pleasant way with videotapes from APH!

APH offers a variety of topics on video, including literacy, early childhood, and much more!

Discovering the Magic of Reading: "Elizabeth's Story"

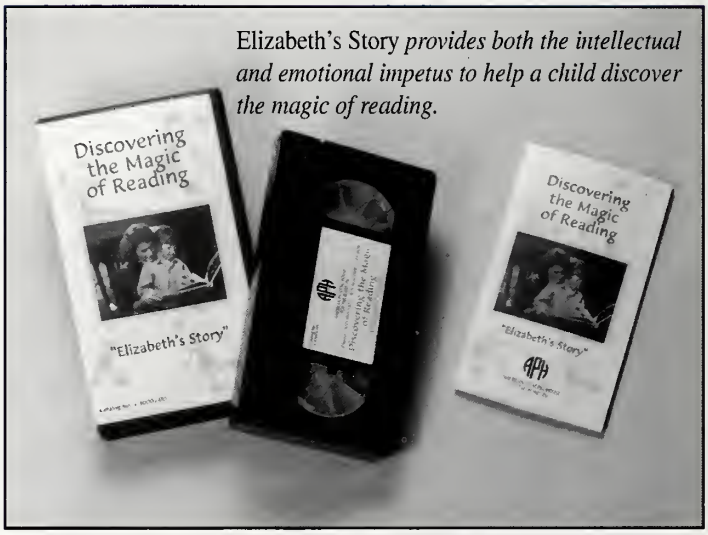
This video/booklet package explores ways that parents and teachers of children with visual impairment can make reading aloud an enjoyable learning experience. The 24-minute videotape and booklet provide a compelling account of the value of reading to young children. Recommended ages: For parents and teachers of children ages birth to 5 years.

VHS videotape and booklet:

1-30002-00.....$24.95

Booklets only (pack of ten):

7-30002-00.....$10.50



Elizabeth's Story *provides both the intellectual and emotional impetus to help a child discover the magic of reading.*

The Psychoeducational Assessment of Visually Impaired Persons

This 26-minute video and accompanying brochure are targeted toward teachers and school psychologists who have not had experience with people who are visually impaired. Dr. Sharon Bradley-Johnson presents the procedures and benefits of psychoeducational assessments.

Results from a comprehensive psychoeducational assessment can be very valuable for programming and enhancing a student's educational progress; however, the administrator of the test must first understand the type of information that various tests and procedures provide, and the limitations of that information.

VHS videotape and brochure:

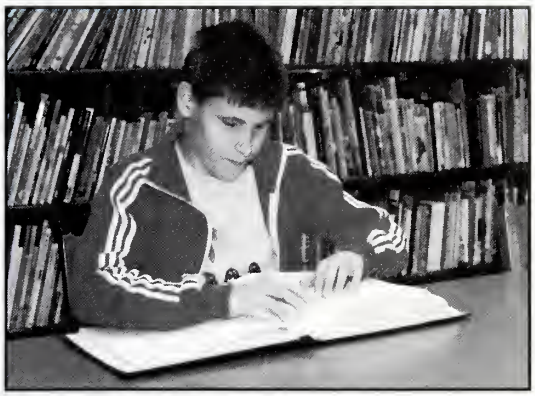
1-30003-00.....$24.95

Brochures only (covering major aspects presented in the video, pack of ten):

7-30003-00.....$18.00

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Wings for the Future



A special 16-minute VHS video that guides you on a mini-tour of APH. It gives a preview of the APH museum, explains the research and development process behind our products, and provides a glimpse of manufacturing sites visited on an actual tour. ABC®'s Diane Sawyer introduces the video and concludes the presentation.

Contact the APH Public Affairs Department, ext. 339, to obtain a copy of this video.

Opening Doors Through An Act to Promote the Education of the Blind

This 20 minute VHS video presents an overview of the 1879 Act to Promote the Education of the Blind and its provision of specially designed educational materials to students of all ages who are blind and visually impaired. With students as the focus, this presentation concentrates on the Federal Quota Program, the annual census of blind students, and the role of Ex Officio Trustees in the administration of the Act.

For more information, call the APH Department of Educational and Advisory Services, ext. 300.

COMING FALL, 1999—*Functional Vision: A Bridge to Learning and Living*

This video from APH addresses the effective use of functional vision in persons who have low vision. It provides an overview of the best practices in functional vision assessment. The viewer follows professionals at work assessing and designing interventions with four individuals: a preschooler with additional disabilities, a fifth grader with albinism, a high school junior transitioning to college, and a 78-year-old adult with macular degeneration.

This video is closed captioned. Special attention has also been taken to create a script that conveys the content of the video both verbally and visually. Where feasible, the video provides audio description.

Call the APH Department of Educational and Advisory Services, ext. 323, for more information.

Other videotapes in this catalog:

- *The Good Tactile Graphic*—see Literacy: Braille Instruction: Tactile Graphics Tools
- *Hands On with the Cranmer Abacus*—see Mathematics
- *Navigating the Rapids of Life*—see Transition
- *Playing the Crucial Role in Your Child's Development*—see Early Childhood

NEW

Do I Need a Hearing Aid? Information for People with Visual Impairments

Written especially for people who are visually impaired, this book will be a valuable resource in helping you decide if you need a hearing aid. Chapters include:

- What Is a Hearing Aid? • Do You Need a Hearing Aid? • Purchasing a Hearing Aid • Maintaining Your Hearing Aid • Learning to Use Hearing Aids • Other Helpful Devices

Some of the topics covered include:

- Specific ways a hearing aid might help you • The types of professionals who can help you with a hearing aid • Types of hearing aids • Questions to ask

Large Type Edition: 7-01010-00.....$TBA

Braille Edition: 5-01010-00....$TBA

Other adult life products in this catalog:

- **ColorTest Talking Color Analyzer**—see Technology
- See Computer Products for ***Listening to Windows® 95 Training Kit*** **and Braille 'n Speak® 2000**
- **Magni-Cam™ electronic magnification system**—see Low Vision
- See Technology: Cassette Tape Recorders and Accessories for several products, including the new **Table Top Cassette Recorder/Player, Induction Neck Loop, and Speech Expressor™**
- See Low Vision Products for items such as the new **MasterPlan calendar, reading stands, and a special reading lamp**
- See Literacy: Braille Instruction for braille learning devices and programs, such as the **Peg Slate and *The Braille Connection***
- See Business Products for **The Impressor Braille Business Card Embosser and accessible editions of the Americans with Disabilities Act (ADA)**
- **Abacuses**—see Mathematics
- See Measuring Tools for several types of **adapted rulers**
- See Recorded Materials for the ***Concise Heritage Dictionary, Recorded Edition*** **and *Typewriting for Blind Students***
- See Writing Instruction, Equipment, and Supplies for several products such as **slates and styluses, braille and bold line paper, the new Boldline Notebook, mailing envelopes for braille, and more**
- See Geography for such items as **braille and large type maps, braille atlases, and a tactile globe**

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Better serve your visually impaired customers and clients.

These products can help you implement the Americans with Disabilities Act (ADA).

The Impressor: Braille Business Card Embosser

Create your own braille business cards with The Impressor from APH!

This is a sturdy, all-metal device that is similar to the stamp used by notary publics. The die which embosses braille on your card is custom-made to your specifications and with the exact information you wish to give to your clients.

The Impressor combines the following features in a rugged hand-held embosser:

- Easy to use: simply insert a standard 3 1/2 x 2 inch business card into the embosser. Squeeze—and your card is brailled instantly!
- Quality metal construction
- Includes an attractive acrylic base for one-hand operation
- Emboss up to 4 lines, 13 braille cells per line
- Custom-made to your specifications
- Measures 3 1/2 x 4 1/2 x 3 3/4 inches

To Order

Call us at 800-223-1839—one phone call is all it takes. Then simply mail us a copy of your business card. We will call you to confirm your information as it appears in braille.

Impressor: 1-03380-00.....$85.00

NOT AVAILABLE ON QUOTA

Revising Your Impressor

Should the information on your business card change, we can easily revise your Impressor. Call us at 800-223-1839 for more information.

Impressor Revised:

1-03380-01....Lower Price! $42.00

NOT AVAILABLE ON QUOTA

It Makes Good Business Sense and It's the Law: Custom Production of Accessible Media

Grow Your Business

Over 9 million Americans have difficulty seeing print, even wearing their regular glasses.

APH can assist you with marketing your products and services to blind and visually impaired: Customers • Employees • Stockholders

Business Materials

The American Printing House for the Blind can not only help you grow your business, but can aid you in complying with the federal Americans with Disabilities Act (ADA) of 1990. ADA mandates a wide range of accommodations in areas such as employment, public services, transportation, public facilities, and telecommunications. APH has many products and services that can help you implement the ADA, which, in turn, will aid your visually impaired employees or clients on their road to independence.

With over 140 years experience, the American Printing House for the Blind has...

Customized Business Materials in Accessible Formats:

- **Braille:** A tactile reading format employing raised dots. APH creates millions of braille pages each year.
- **Large Print:** Uses at least 18 point type and very clear, easy-to-read typefaces.
- **Audio Cassettes (Talking Books):** These cassettes are created by our award-winning professional narrators and state-of-the-art audio production facility.
- **Tactile Graphics:** Graphics employing raised lines that can be felt by a blind person. Maps and floor plans are often created in this format.
- **Computer Disks:** Personal computers can use special software to speak to the user or to display large type on the screen. Your documents can be put on standard 3 1/2 inch floppy disks that allow the blind user to read your information on a computer.

Types of Materials Produced:

- Annual Reports
- Product Literature
- Menus
- Transportation Schedules
- Maps
- Sales Brochures
- Books
- Floor Plans
- Magazines
- Newsletters
- Signage
- Plaques
- Policies
- Pamphlets
- Procedures
- Calendars

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

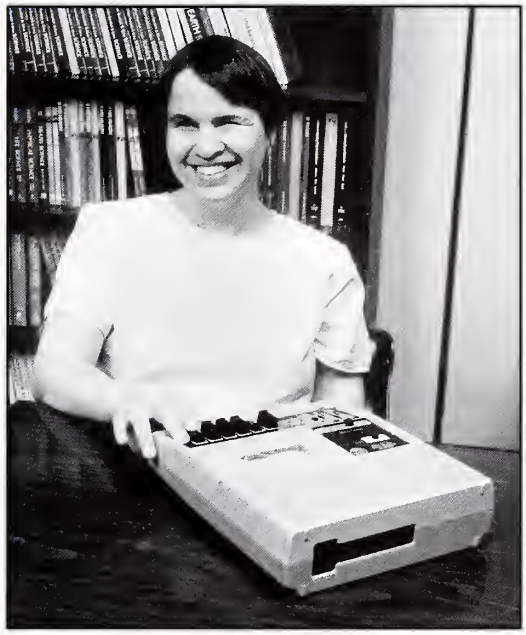
Produced for:

- Corporations
- Schools
- Hospitals
- Hotels
- Health Care Offices
- Restaurants
- Assisted Living Facilities
- Libraries
- Golf Courses
- Theaters
- Museums
- Churches
- Government Agencies

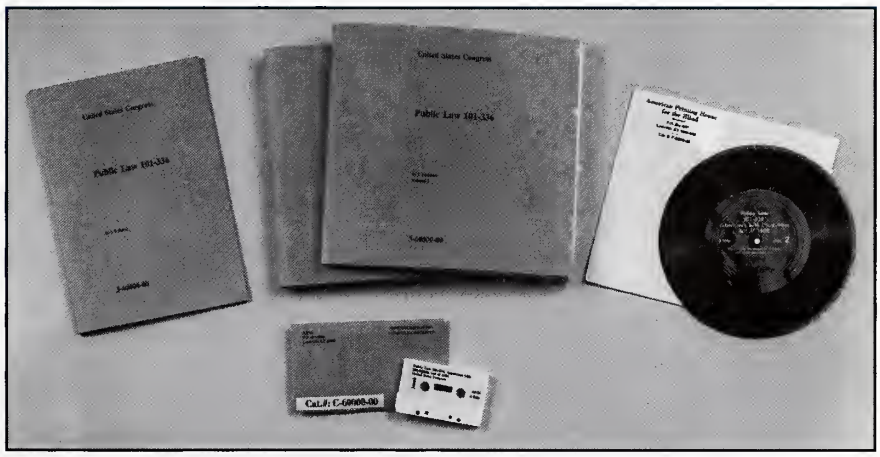
For Use at:

- Work
- Home
- School
- Worship
- Play
- Travel
- Entertainment

Contact us at APH for a no-obligation cost estimate on your next project.



The Americans with Disabilities Act (ADA) Available in Accessible Versions



Become familiar with what has been referred to as "The Civil Rights Act for the Disabled." The text of Public Law 101-336, Americans with Disabilities Act (ADA) of 1990 is available from APH. It is offered in four formats: braille, cassette tape, flexible record, and large type.

Note: This item is no longer available free of charge.

ADA Braille: **5-60000-00.....$14.50**

ADA Cassette Tape: **C-60000-00.....$14.50**

ADA Flexible Record: **F-60000-00.....$0.65**

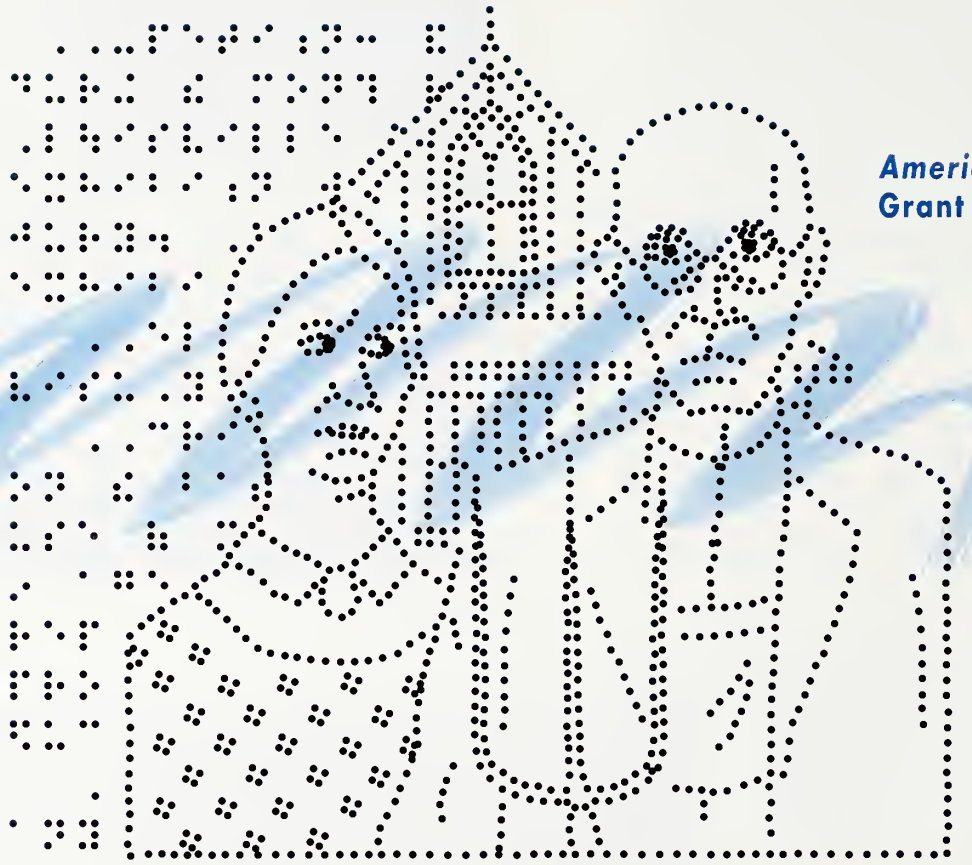
ADA Large Type: **J-60000-00.....$14.50**

NOT AVAILABLE ON QUOTA.

Note: *This document (ADA) is also being made available through the regular National Library Service for the Blind and Physically Handicapped (NLS) distribution network.*

Smile!

If you're an artist who is legally blind, there's an art competition just for you!



American Gothic,
Grant Wood, 1930

APH InSights Art Competition/Exhibition for Artists Who Are Blind or Visually Impaired

Many of the "Special Touch" gifts in the following section feature artwork by legally blind artists. These art pieces have been featured in **APH InSights,** an annual, international art competition and exhibition designed exclusively for visually impaired and blind artists.

The **APH InSights** competition is sponsored by APH and accepts entries from artists of all ages and skill levels.

The deadline for submitting artwork for the 2000 competition is April 1, 2000.

For more information on entering work in **APH InSights** please contact the APH Special Projects Coordinator at 1-800-223-1839.

And don't forget to smile!

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

Terrific gift ideas for both visually impaired and sighted folks.

The unique gifts listed in this section are not only enjoyable and fun, but the proceeds from some of the items go towards encouraging artistic creativity among people who are visually impaired.

One of the many roles of the American Printing House for the Blind is to encourage creativity and learning among people who are visually impaired. To help achieve this goal, APH offers special products featuring artwork created by visually impaired artists of all ages.

Note: *When ordering these items, please order by the item name (the gifts do not have APH catalog numbers).* These items are not available with Federal Quota funds. Also, unlike our other products, *shipping and handling charges are paid by the customer* for all "Special Touch" items. See the end of this section for a chart showing shipping charges.

Note: *Art products are available in limited quantities, so order soon!*

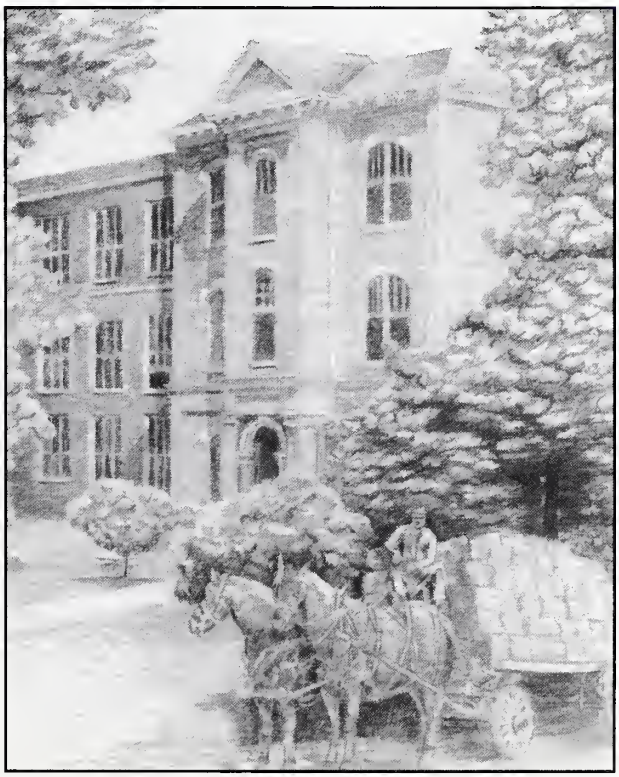
Suitable for Framing

Early Braille Delivery Limited Edition Art Print

Rick Moore, a graduate of the Kentucky School for the Blind, is the artist for *Early Braille Delivery.* This art print is a reproduction of a pencil drawing that depicts a horse-drawn wagon leaving APH to deliver braille publications to the post office. APH's original building, a stately Victorian "mansion" erected in 1883, appears in the background. Each print has been signed and numbered by the artist. It measures 14 x 18 1/2 inches and is printed on high-quality, nonacidic paper stock. The signed version has been limited to a run of only 500 copies.

Price: $20.00

NOT AVAILABLE ON QUOTA



Special Cards for Special Friends

Our Colorful Cards at a Glance:

APH InSights Art Note Cards (blank message area):

Cold Winter Forest (6 cards, one design).....**$5.00**

Edition I (10 cards, 5 different designs).....**$6.00**

Edition II (5 cards, 5 different designs).....**$3.00**

Edition III (5 cards, 5 different designs).....**$3.00**

Edition V (10 cards, 5 different designs).....**$6.00**

APH InSights Art Holiday Cards (preprinted greetings):

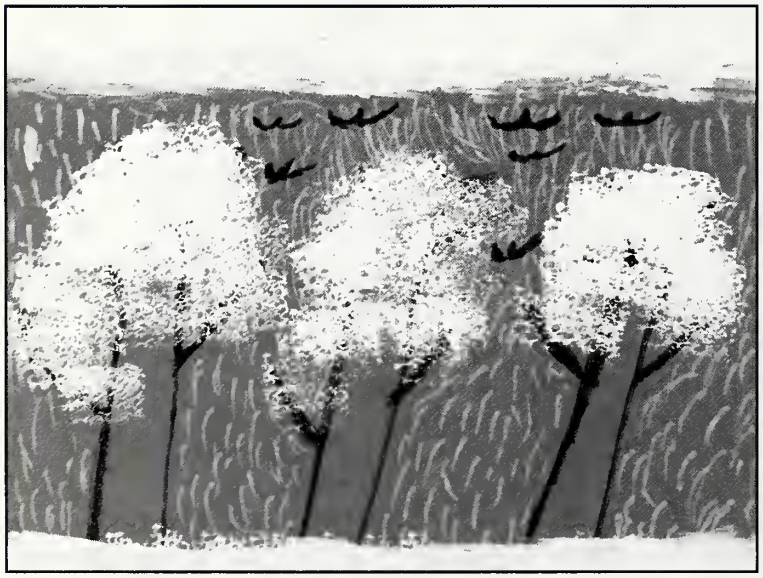
Edition IV – *May Your Light Shine* (10 cards, one design) **$6.00**

Edition VI – Evergreen (10 cards, one design).....**$6.00**

Edition VIII – *Merry Little Christmas* (10 cards, one design).....**$6.00**

APH InSights Art Birthday Card (preprinted greeting):

Edition VII – *Sun Flower* (5 cards, one design).....**$5.00**



A colorful card for any occasion!

Cold Winter Forest Note Cards

Created from the painting *The Cold Winter Forest,* this note card depicts a forest covered in snow, with birds flying overhead. This card features the artwork of Mike Douglas, created while a student attending the Tennessee School for the Blind.

This three panel card contains a print and braille legend describing the artwork. It is sold in packages of six cards with envelopes.

Price: $5.00

NOT AVAILABLE ON QUOTA

Ordering is easy! Call 1-800-223-1839 Normal shipping is always FREE!

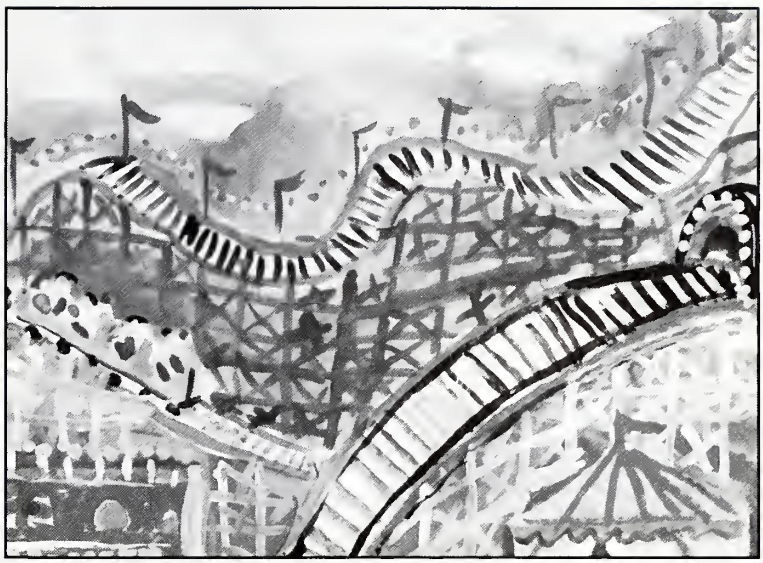
APH InSights Art Note Cards, Edition I

This set of five different note cards features artwork that appeared in APH's First Annual Art Competition and Exhibition, APH InSights '92. These cards feature full-color artwork of five students from New York to California and include works from a variety of grade levels. These cards feature:

- A unique three-panel design which contains a print and braille legend describing the artwork
- The braille legend appears on one panel, leaving the other two panels free for writing a message
- Sold in a package of 10 cards (two of each design) with envelopes

Price: $6.00

NOT AVAILABLE ON QUOTA



Colorful cards for any occasion!

APH InSights Art Note Cards, Editions II and III

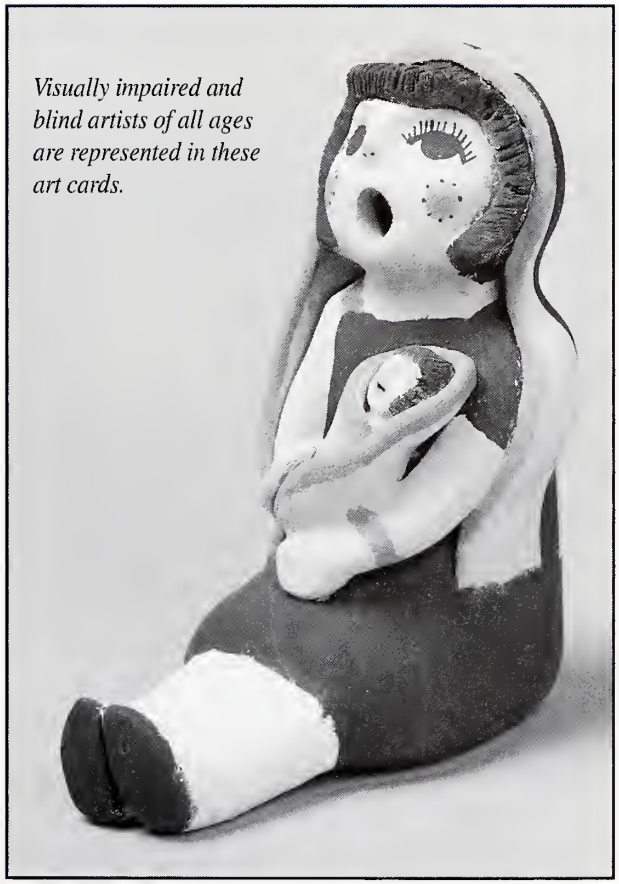
These two sets of full-color note cards feature artwork that appeared in APH's InSights '93 Art Competition. These cards showcase the artwork of 10 students and adults from across the U.S.

- Edition II features color reproductions of two-dimensional artwork from five artists (one copy of each design)
- Edition III depicts color photographs of three-dimensional artwork from five artists (one copy of each design)
- As with Edition I, these cards feature a unique three-panel design which contains a print and braille legend describing the artwork
- Sold in a package of five cards (one of each design) with envelopes

Edition II.....$3.00

Edition III.....$3.00

NOT AVAILABLE ON QUOTA



Visually impaired and blind artists of all ages are represented in these art cards.

APH InSights Art Note Cards, Edition V

Five art pieces from APH InSights '94 are featured in Edition V. These brightly-colored cards highlight artwork created by visually impaired students and adults from across the U.S.

- This edition features two-dimensional works, including such subjects as tropical birds, flowers, and a horse rider in the desert.
- As with the previous Art Note Cards, these cards feature a unique three-panel design which contains a print and braille legend describing the artwork. The braille legend appears on one panel, leaving the other two panels free for writing a message
- Sold in a package of 10 cards (two of each design) with envelopes

Price: $6.00

NOT AVAILABLE ON QUOTA

Colorful birds are one of five designs in this pack.

APH InSights Art Holiday Card, Edition IV

This special holiday card features the work of Margo Langohr, an 81-year-old visually impaired artist.

Her painting *May Your Light Shine Through My Darkness* has been featured on a full-color print/braille card that is also die-cut. This inspirational painting depicts a woman reaching toward a shooting star. The greeting inside reads "May Your Light Shine...."

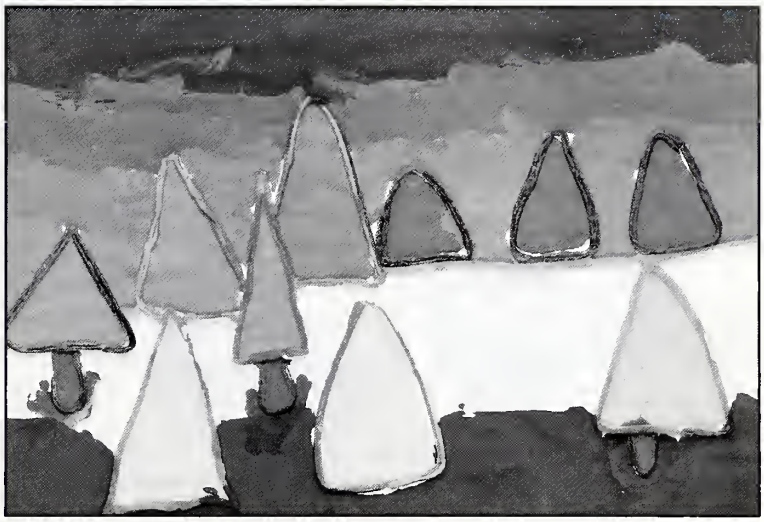
Sold in a package of 10 cards (all of one design) with envelopes.

Price: $6.00

NOT AVAILABLE ON QUOTA

Ordering is easy! Call 1-800-223-1839 VISA MasterCard DISCOVER Normal shipping is always FREE!

APH InSights Art Holiday Card, Edition VI



A hillside covered with snow and evergreen trees sets the mood for this holiday card. The card features a color painting by Barbara Zochowski, a visually impaired high school student from Schaumburg, Illinois. This print/braille card is both die-cut and embossed, so that the trees are tactile. The message reads: "May the Joy of Your Holidays Be Ever-green...."

Sold in a package of 10 cards (all of one design) with envelopes.

Price: $6.00

NOT AVAILABLE ON QUOTA

APH InSights Art Holiday Card, Edition VIII

This print/braille card features a watercolor entitled *Merry Little Christmas,* an entry in APH InSights '95 by Sally Harris, an adult artist from Columbus, Ohio. It features raised-line embossing so the Christmas tree art can be felt as well as seen.

The message inside reads, "Have Yourself a Merry Little Christmas!" Sold in a package of 10 cards (all of one design) with envelopes.

Price: $6.00

NOT AVAILABLE ON QUOTA

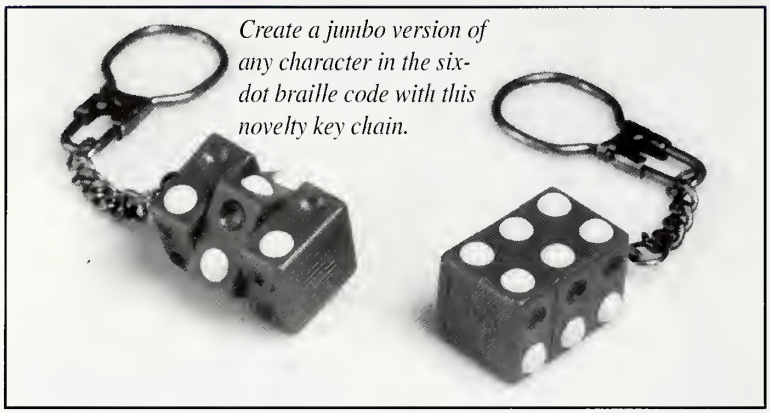
APH InSights Art Birthday Card, Edition VII

This unique print/braille card spotlights *Sun Flower,* a print entered by Grace Jacobian of Los Angeles in APH InSights '95. The brightly-colored flower is also raised-line embossed, to be enjoyed tactually as well as visually.

Inside the card is this message: "Sunny Wishes on Your Birthday!" Sold in a package of five cards (all of one design) with envelopes.

Price: $5.00 *NOT AVAILABLE ON QUOTA*

Other Fun Stuff



Create a jumbo version of any character in the six-dot braille code with this novelty key chain.

Braille Key Chain

Features a plastic rectangular solid that rotates in three sections, somewhat like the popular Rubic's Cube®. As the faces of the three sections turn, different braille characters are formed. The dots are represented in white plastic, in contrast to the dark blue rectangle. Empty dot spaces are represented by depressions in the rectangle. A copper-colored metal chain with a key ring is attached to the top of the rectangle.

Price: $4.00

NOT AVAILABLE ON QUOTA

APH "Special Touch" Braille T-Shirt

You'll look great in an APH t-shirt! The front has an APH logo over the left breast pocket area, while the back depicts the braille alphabet and the slogan "We Have a Special Touch!" The printing on the shirt is done in puff ink, so that the image is tactile.

Our t-shirts are high-quality pre-shrunk 100% cotton. Please refer to the chart below for colors and sizes

Price: $10.00

Note: Sizes, colors, and styles of t-shirts are subject to change.

NOT AVAILABLE ON QUOTA

Short Sleeve Braille T-Shirts (adult sizes only)

Color	Small	Medium	Large	X-Lrg	XX-Lrg
Black	✔	✔	✔	✔	✔
Dark Blue	✔	✔	✔	✔	N/A
Light Blue	✔	N/A	N/A	✔	N/A
Gray	✔	✔	✔	✔	✔
Jade	✔	✔	✔	✔	N/A
Melon	✔	✔	✔	✔	N/A
Red	✔	✔	✔	✔	N/A
White	N/A	✔	✔	✔	N/A
Yellow	N/A	✔	✔	✔	✔

Ordering is easy! Call 1-800-223-1839 Normal shipping is always FREE!

Shipping Charges for APH "Special Touch" Gift Items

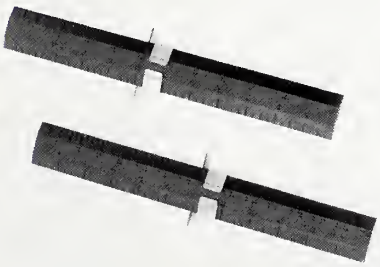
The customer is required to pay shipping and handling charges on all "Special Touch" gift items (cards, key chains, and t-shirts). The shipping and handling charges are based on the total dollar value of all items in a single shipment.

Total Amount	Add for Shipping & Handling
$10 and under	$2.00
$11 to $25	$4.00
$25-$50	$5.00
$51-$75	$6.00
$76 or more	$7.00

Other gift ideas in this catalog:

- APH InSights Large Type/Braille Calendar—see Literacy: Calendars
- ColorTest Talking Color Analyzer—see Technology
- *Concise Heritage Dictionary, Recorded Edition*—see Recorded Materials
- The Impressor Braille Business Card Embosser—see Business Products
- *Listening to Windows® 95 Training Kit*—see Computer Products
- Magni-Cam™—see Low Vision
- MasterPlan Calendar—see Low Vision
- See Measuring Tools for several types of adapted rulers
- *On the Way to Literacy*—see Featured Product in center of catalog
- Speech Expressor™—see Technology: Cassette Tape Recorders and Accessories
- Tape Recorder/Players—see Technology: Cassette Tape Recorders and Accessories
- World and U.S. Braille Atlases—see Educational Products: Geography
- See Writing Instruction, Equipment, and Supplies for several products such as slates and styluses, braille and bold line paper, the new Boldline Notebook, the new Spiral Pocket Notebook for braille, and more

Table Top Recorder/ Player



Print/Braille Rulers

Speech Expressor™

Listening to Windows® 95

Visual Tasks	Sensory Stimulation Kit—Visual Component	Bright Sights: Learning to See (fluorescent colors)	Light Box Materials, Level I (use with Light Box)	Light Box Materials, Level II (use with Light Box)	Light Box Materials, Level III (use with Light Box)	Program to Develop Efficiency in Visual Functioning
Light awareness	Penlight/Flashlight with Color Caps / Nondirectional Light	Glitter Wand / Flashlight	Colored Acetate / Pattern and Black-out Backgrounds / Spinner / suggested activities			Section A (1-3 months)
Light fixation and focus	Same as above	Same as above	Same as above			Same as above
Light tracking (horizontal, vertical, circular) and scanning	Penlight/Flashlight	Same as above	Colored Acetate / Spinner / suggested activities			Section A (1-3 months) Section B (4-12 months)
Object awareness	Thing-mobile / Mirror / Color Viewers	Quilt with Stuffed Shapes / Bell Bracelet / Squeaker / Bean Bags / Blocks	Acrylic Shapes / Threading Beads / Tumblers / suggested activities			Section A (1-3 months)
Object fixation and focus	Thing-mobile / Mirror / Color Viewers	Same as above / Ball on Elastic / Mitts / Clutch Ball / Socks with Pom-poms / Moon Ball / Bell Bracelet	Same as above			Same as above
Object tracking and scanning	Thing-mobile	Mitts / Pom-pom / Clutch Ball / Squeaker / Socks / Ball on Elastic / Puppet	Same as above			Section B (4-12 months)
Eye-hand coordination (reaching and manipulation)	Same as above	Same as above / Moon Ball / Quilt w/Stuffed Shapes / Blocks / Bean Bags / Pail / Clutch Ball / Pegboard / Snap-lock Beads	Tracing Backgrounds / Acrylic Shapes / Threading Beads / Tumblers / Spinner	Pegs and Pegboard / Cubes and Template		Section B (4-12 months) Section C (1-3 years)
Matching / concrete level (color, shape, size)		Stuffed Shapes / Rubber Balls / Blocks / Form Board / Pegboard (with Slantboard)	Templates / Acrylic Shapes / Threading Beads / Tumblers / Puzzle Pieces / suggested activities	Pegs / Cubes / Sticks / Parquetry Pieces		Section C (1-3 years) Section D (2-4 years)
Simple spatial relationships		Same as above	Same as above	Same as above / Sticks		Section C (1-3 years)
Matching / concrete level (detail)			Suggested activities			Section C (1-3 years) Section D (2-4 years)
Visual identification / concrete level (name, color, shape, size, object)		Most kit materials	Most kit materials	Pegs / Cubes / Sticks / Parquetry Pieces		Section C (1-3 years) Section D (2-4 years)
Simple part/whole relationships / concrete level		Pegboard / Blocks / Snap-lock Beads / Starbuilders	Ball Puzzles / Face Puzzle	Pegs and Pegboard / Cubes and Template / Parquetry Pieces / Sticks		Section C (1-3 years) Section D (2-4 years)

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Visual Tasks	Sensory Stimulation Kit—Visual Component	Bright Sights: Learning to See (fluorescent colors)	Light Box Materials, Level I (use with Light Box)	Light Box Materials, Level II (use with Light Box)	Light Box Materials, Level III (use with Light Box)	Program to Develop Efficiency in Visual Functioning
Matching / pictures (shapes, familiar objects)		Lotto Cards / teacher-made pictures using Paper, Posterboards, Crayons, etc.		Colored Shape Cards / Outline Shape Cards / Familiar Object Pictures / Stencils / Pattern Guides / Activity Sheets / suggested activities	Picture Cards used in game formats: card or board game, Lotto, Bingo / Activity Sheets	Section D (2-4 years)
Matching / pictures (detail)				Activity Sheets	Picture Cards with differing detail used in game formats	Section D (2-4 years)
Visual identification / pictures (shapes, objects, detail)		Lotto Cards		Colored Shape Cards / Outline Shape Cards / Familiar Object Pictures / Activity Sheets	Picture Cards with differing detail used in game formats	Section D (2-4 years) Section E (3-5 years)
Part/whole relationships / more complex concrete and pictures				Pegs and Pegboard / Cubes and Templates / Parquetry Pieces	Picture Puzzles	Section D (2-4 years) Section E (3-4 years)
Prewriting, tracing, copying shapes, outlines				Activity Sheets	Activity Sheets	Section D (2-4 years) Section E (3-4 years)
Figure-ground differentiation					Large Picture Scenes and matching individual Picture Cards / Activity Sheets	Section E (3-4 years)
Visual closure					Picture Cards / Activity Sheets	Section E (3-5 years)
Matching / figures (abstract figures, letters, numbers)					Letter and Number Cards used in game formats: Card Game, Board Game, Lotto, Bingo / Activity Sheets	Section F (4-5 years) Section G (5-6 years)
Visual identification / figures (abstract figures, letters, numbers)					Same as above	Section G (5-6 years)
Writing letters, numbers					Activity Sheets	Section G (5-6 years) Section H (6-7 years)
Matching words / matching words to pictures / copying words / reading single words						Section H (6-7 years)

Tactual training involves the development of fine motor skills (building dexterity and hand strength) and tactual discrimination skills (developing sensitivity and the opportunity to refine search strategies).

The following chart is presented in two sections or groupings: fine motor skills and tactual discrimination skills. Skills are listed in the far left column. Within each section of the chart, some indication of the progression of skill development is shown—the skills listed first being among the earliest to develop. However, overall development in these areas frequently overlaps: fine motor and tactual discrimination skills develop in parallel. In addition, the progression may vary from learner to learner, depending on experience and learner-specific characteristics.

Materials from the Printing House which are designed to develop the listed skills are presented in the adjacent right-hand columns. Since most materials develop more than one skill, they are listed by the primary skill they are designed to address.

Many materials also address skills in other areas of development beyond the scope of this chart, such as cognitive development. Pegboard activities, for example, develop fine motor skills at their simplest level, but may be used to develop complex cognitive skills involving matching, sequencing, and pattern-making. Appropriate use of materials requires the instructor to consider carefully the focus of instruction, e.g. simple placement of pegs or complex pattern-making.

Note: The following APH materials contain valuable parent/teacher information pertaining to tactual training:

Beginnings (print handbook—developmental age: birth to 2 years)

Move, Touch, Do! (print and computer disk handbook—developmental age: birth to 5 years)

Parent Early Childhood Education Series (print and braille handbook—developmental age: birth to 5 years)

Playing the Crucial Role in Your Child's Development (VHS videotape—developmental age: birth to 2 years)

On the Way to Literacy: Early Experiences for V.I. Children (print/recorded handbook, plus tactile/visual storybooks—developmental age: birth to 5 years)

Preparatory Reading Program for Visually Handicapped Children: Teacher's Guide (print handbook—developmental age: 3 years and up)

FINE MOTOR TASKS **Developing dexterity, hand strength, and basic exploratory schemes.**	**APH MATERIALS**		
Holds object placed in hand	Sensory Stimulation Kit: Tactual-Kinesthetic, Auditory, and Olfactory/Gustatory components (birth to 6 years)		
Reaches for object (may occur later for child who is visually impaired)	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials (birth to 3 years): Fun Flowers Rattles	
Uses palmar grasp	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials: Fun Flowers Clown Pull	

continued on next page

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FINE MOTOR TASKS continued	APH MATERIALS		
Grasps object voluntarily and releases onto a surface	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials: Hidden Pocket	Work-Play Trays and Dividers for Small Trays
Bangs and shakes objects	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials: Fun Flowers Rattles	Sound Matching Board I (3 years and older) Sound Matching Board II (3 years and older)
Rotates and examines objects	Sensory Stimulation Kit (various kit materials)		Large Textured Block (5 years and older)
Pokes and examines objects	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials: Rattles	In and Out Board (discontinued) (3 to 6 years)
Uses pincer grasp	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials: Bell Chime	Peg-A-Circle Set (3 years and older)
Squeezes objects	Sensory Stimulation Kit (various kit materials)		
Pulls apart	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials: Hook/Loop Pull	
Stacks blocks	Sensory Stimulation Kit (various kit materials)		
Puts objects in container; good grasp and release	Sensory Stimulation Kit (various kit materials)	Fine Motor Development Materials: Hidden Pocket	HANDS ON: Functional Activities for Visually Impaired Preschoolers (3 to 6 years) Suggested trays and activities
Pours/dumps objects from container			HANDS ON: Functional Activities for Visually Impaired Preschoolers
Stacks objects on a dowel		Small, Medium, and Large Circles, Set II (3 to 6 years)	HANDS ON: Functional Activities for Visually Impaired Preschoolers
Nests/stacks objects of graduated size			HANDS ON: Functional Activities for Visually Impaired Preschoolers
Screws/unscrews lids		Prevocational Skills Development Materials: (10 years and older) Round and Square Containers	HANDS ON: Functional Activities for Visually Impaired Preschoolers
Strings beads		Giant Textured Beads (3 to 6 years)	HANDS ON: Functional Activities for Visually Impaired Preschoolers
Turns small knobs or screw/nut combinations	Fine Motor Development Materials: Happy Airplane	Prevocational Skills Development Materials: Bolt, Nut, and Washer Board Wooden Constructo Sets (4 years and older)	HANDS ON: Functional Activities for Visually Impaired Preschoolers
Folds paper		Prevocational Skills Development Materials: Paper-folding Jig	HANDS ON: Functional Activities for Visually Impaired Preschoolers
Sews through holes		Shoelace Aid (discontinued) (4 years and older)	

TACTUAL DISCRIMINATION TASKS **Developing sensitivity and practice in search strategies.**	APH MATERIALS		
Demonstrates tactual awareness of: temperature, vibration, texture, shape, weight	Sensory Stimulation Kit Tactual-Kinesthetic Component (birth to 6 years)		
Tactually discriminates/identifies objects	Sensory Stimulation Kit Tactual-Kinesthetic Component	*Patterns Prebraille Program: Instructions for Making Tactual Readiness Books* *The Book of Toys* *Paper Book* *Button Book* *Pairs Book* *Width Book* *On the Way to Literacy: Storybooks* (2 to 5 years) *Something Special* *Book About Me* *Geraldine's Blanket* *Giggly-Wiggly, Snickety-Snick*	
Tactually discriminates/identifies textures	Sensory Stimulation Kit Tactual-Kinesthetic Component Large Textured Block (5 years and older) Sensory Cylinder Set (3 years and older) Textured Matching Blocks (3 years and older)	*On the Way to Literacy: Storybooks* (2 to 5 years) *That's Not My Bear*	
Awareness of braille		*On the Way to Literacy: Storybooks* *Preparatory Reading Program for Visually Handicapped Children (PREP)* (3 to 6 years)	
Tactually discriminates/identifies flat shapes	Shape Board (4 years and older) Puzzle Form Board Kit (3 years and older) Formboard with Removable Hands (3 to 6 years) Geometric Forms (5 years and older) Chang Tactual Diagram Kit (6 years and older)		
Tactually discriminates/identifies molded objects and shapes	Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments (4 years and older)	*On the Way to Literacy: Storybooks* (3 to 5 years) *Jennifer's Messes* *Gobs of Gum* *Roly-Poly Man* *Jellybean Jungle* *Thingamajig*	

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TACTUAL DISCRIMINATION TASKS continued	APH MATERIALS		
Tactually discriminates/identifies raised lines and shapes	*Touch and Tell, Volumes I and II* (5 years and older) *Tactual Discrimination Worksheets, Parts 1-3* (5 years and older) Tactile Treasures: Math and Language Concepts for Young Children with Visual Impairments (4 years and older)	Books with Geometric Shapes: *Preparatory Reading Program for Visually Handicapped Children (PREP)* (3 to 6 years): *I. Sensory Matching Story* *II. Size Story* *III. Shape Story* *IV. Action Story* *V. Positions I Story* *VI. Positions II Story* *VII. Relationships Story* *VIII. Time Story* *IX. Configuration Story* *X. Classification Story*	*On the Way to Literacy: Storybooks* (3 to 5 years) *The Longest Noodle* *That Terrible, Awful Day* *The Caterpillar* *Silly Squiggles* *Bumpy Rolls Away* *The Blue Balloon* *The Gumdrop Tree* *Patterns Prebraille: Form Books:* *Shape Book* *First Circle Book* *Second Circle Book* *First Line Book* *Second Line Book*
Tactually discriminates/identifies cutouts of objects		*Patterns Prebraille Program: Instructions for Making Tactual Readiness Books:* *Playground Book* *Pet Book* *Zoo Book* *Book of Things* *The Book of Things That Go*	
Discrimination of braille shapes	Classroom Calendar Kit (4 to 10 years)	*Touch and Tell, Volume III* (5 years and older) *Tactual Discrimination Worksheets, Part 4* (5 years and older)	
Identification of braille units (reading)	Expanded Dolch Word Cards (6 years and older) Braille Code Recognition (BCR) Materials (10 years and older) Grade 2 Braille Cards (5 years and older) Individual Calendar Kit (4 to 10 years)	*Patterns: The Primary Braille Reading Program* *Patterns Library Series Books* *My Weekly Reader: Braille Edition* Other reading series transcribed into braille	
Braillewriting and copying braille units	Swing Cell/Swing Cell Compact (5 years and older) Perkins Brailler (6 years and older) Peg Slate Slates and Styluses (6 years and older) Big Cell Braille Paper Binders for Braille Paper Braille Erasers (6 years and older)	*Patterns: The Primary Braille Spelling and English Program* (6 years and older)	

• A •

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